

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081922\
 Data File : BF129924.D
 Acq On : 19 Aug 2022 23:09
 Operator : CG\JU
 Sample : N4093-04MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BLDG-4-BASEMENT-DRUMMSD

Quant Time: Aug 20 07:55:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 20 07:47:33 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 08/22/2022
 Supervised By : Jagrut Upadhyay 08/22/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	140005	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	565679	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	303095	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	527933	20.000	ng	0.00
76) Chrysene-d12	13.969	240	369854	20.000	ng	0.00
86) Perylene-d12	15.421	264	275999	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	1110746	131.357	ng	0.02
7) Phenol-d6	6.451	99	1304522	123.194	ng	0.00
23) Nitrobenzene-d5	7.363	82	940824	89.033	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	435685	143.223	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1737515	87.067	ng	0.00
79) Terphenyl-d14	12.904	244	2059229	92.643	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.710	88	163476	46.860	ng	# 84
3) Pyridine	3.452	79	397888	43.583	ng	98
4) n-Nitrosodimethylamine	3.375	42	234045	55.627	ng	96
6) Aniline	6.457	93	240431	19.921	ng	# 62
8) 2-Chlorophenol	6.587	128	505939	53.746	ng	98
9) Benzaldehyde	6.346	77	130461	19.594	ng	99
10) Phenol	6.463	94	542368	46.693	ng	# 79
11) bis(2-Chloroethyl)ether	6.528	93	498962	56.568	ng	99
12) 1,3-Dichlorobenzene	6.728	146	461878	45.449	ng	98
13) 1,4-Dichlorobenzene	6.804	146	470064	45.269	ng	99
14) 1,2-Dichlorobenzene	6.957	146	451434	46.810	ng	98
15) Benzyl Alcohol	6.945	79	441538	55.233	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.057	45	616469	52.158	ng	77
17) 2-Methylphenol	7.069	107	392926	51.985	ng	98
18) Hexachloroethane	7.293	117	177810	45.600	ng	94
19) n-Nitroso-di-n-propyla...	7.210	70	369457	55.198	ng	97
20) 3+4-Methylphenols	7.222	107	521567	51.406	ng	98
22) Acetophenone	7.204	105	761610	55.249	ng	# 96
24) Nitrobenzene	7.381	77	539011	50.585	ng	100
25) Isophorone	7.616	82	987423	54.291	ng	99
26) 2-Nitrophenol	7.692	139	277780	52.999	ng	99
27) 2,4-Dimethylphenol	7.740	122	406889	54.132	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	613329	57.756	ng	98
29) 2,4-Dichlorophenol	7.945	162	430365	52.362	ng	99
30) 1,2,4-Trichlorobenzene	8.010	180	391586	45.162	ng	98
31) Naphthalene	8.092	128	1411936	47.737	ng	99
32) Benzoic acid	7.910	122	257035	67.222	ng	92
33) 4-Chloroaniline	8.151	127	228451	19.641	ng	98
34) Hexachlorobutadiene	8.198	225	236175	44.733	ng	98
35) Caprolactam	8.551	113	123759m	48.421	ng	
36) 4-Chloro-3-methylphenol	8.657	107	470836	53.101	ng	97
37) 2-Methylnaphthalene	8.781	142	953619	49.124	ng	100
38) 1-Methylnaphthalene	8.881	142	900688	47.741	ng	100
40) 1,2,4,5-Tetrachloroben...	8.951	216	427961	50.766	ng	99
41) Hexachlorocyclopentadiene	8.928	237	276634	92.424	ng	100
43) 2,4,6-Trichlorophenol	9.075	196	282197	51.522	ng	96

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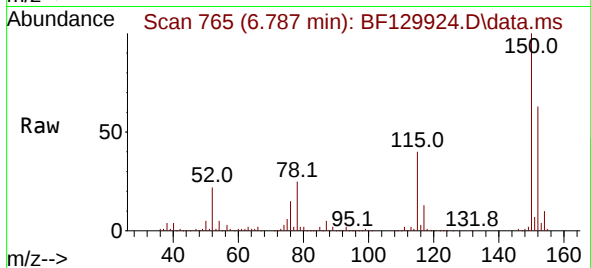
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	293772	49.853	ng	99
46) 1,1'-Biphenyl	9.245	154	1180977	51.289	ng	99
47) 2-Chloronaphthalene	9.275	162	911229	50.016	ng	98
48) 2-Nitroaniline	9.386	65	297463	51.665	ng	96
49) Acenaphthylene	9.692	152	1376300	49.817	ng	100
50) Dimethylphthalate	9.551	163	1122622	51.668	ng	100
51) 2,6-Dinitrotoluene	9.628	165	244302	51.833	ng	95
52) Acenaphthene	9.863	154	838246	50.010	ng	99
53) 3-Nitroaniline	9.798	138	147176	28.236	ng	96
54) 2,4-Dinitrophenol	9.922	184	266182	121.839	ng	93
55) Dibenzofuran	10.034	168	1254518	49.819	ng	96
56) 4-Nitrophenol	9.992	139	219256	94.553	ng	96
57) 2,4-Dinitrotoluene	10.039	165	321129	52.485	ng	93
58) Fluorene	10.381	166	1045722	49.735	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.163	232	241899	55.937	ng	# 84
60) Diethylphthalate	10.251	149	1092348	50.420	ng	98
61) 4-Chlorophenyl-phenyle...	10.369	204	481354	51.015	ng	97
62) 4-Nitroaniline	10.422	138	245822m	46.748	ng	
63) Azobenzene	10.528	77	1028208	49.652	ng	99
65) 4,6-Dinitro-2-methylph...	10.451	198	171763	55.420	ng	98
66) n-Nitrosodiphenylamine	10.492	169	883823	49.600	ng	100
67) 4-Bromophenyl-phenylether	10.857	248	312934	50.608	ng	96
68) Hexachlorobenzene	10.928	284	344376	51.414	ng	95
69) Atrazine	11.016	200	52057	9.518	ng	99
70) Pentachlorophenol	11.133	266	257768	125.250	ng	98
71) Phenanthrene	11.345	178	1475226	50.033	ng	100
72) Anthracene	11.398	178	1486818	50.708	ng	100
73) Carbazole	11.557	167	1378911	51.806	ng	99
74) Di-n-butylphthalate	11.869	149	1750328	51.095	ng	100
75) Fluoranthene	12.533	202	1564902	51.867	ng	98
78) Pyrene	12.763	202	1600630	49.802	ng	99
80) Butylbenzylphthalate	13.369	149	731557	53.791	ng	93
81) Benzo(a)anthracene	13.957	228	1269863	49.911	ng	99
82) 3,3'-Dichlorobenzidine	13.916	252	161923	20.549	ng	96
83) Chrysene	13.992	228	1166116	48.963	ng	100
84) Bis(2-ethylhexyl)phtha...	13.921	149	979087	60.681	ng	98
85) Di-n-octyl phthalate	14.533	149	1353774	60.780	ng	100
87) Indeno(1,2,3-cd)pyrene	16.886	276	983894	51.927	ng	100
88) Benzo(b)fluoranthene	14.998	252	989895	52.378	ng	99
89) Benzo(k)fluoranthene	15.027	252	998700	55.102	ng	99
90) Benzo(a)pyrene	15.363	252	815500	54.794	ng	99
91) Dibenzo(a,h)anthracene	16.892	278	875675	56.011	ng	99
92) Benzo(g,h,i)perylene	17.327	276	859961	55.135	ng	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 70
Delta R.T. -0.000 min
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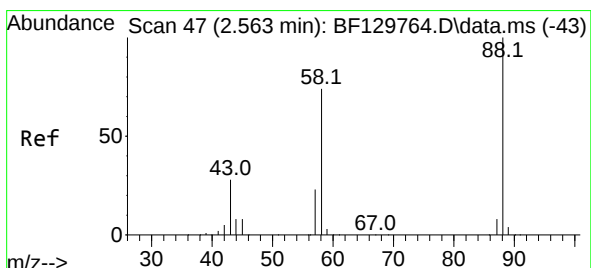
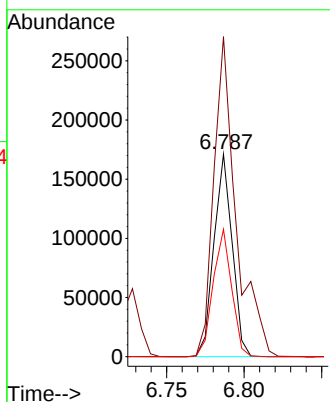
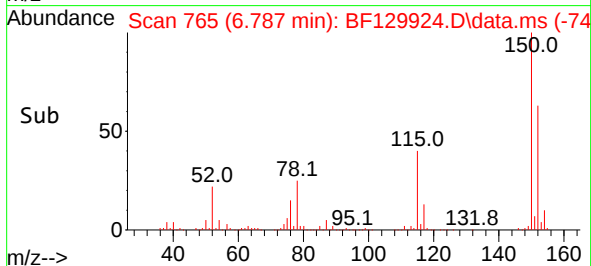
Instrument :
BNA_F
ClientSampleId :
BLDG-4-BASEMENT-DRUMMSD



Tgt Ion:152 Resp: 14000
Ion Ratio Lower Upper
152 100
150 157.9 126.9 190.3
115 62.9 53.4 80.0

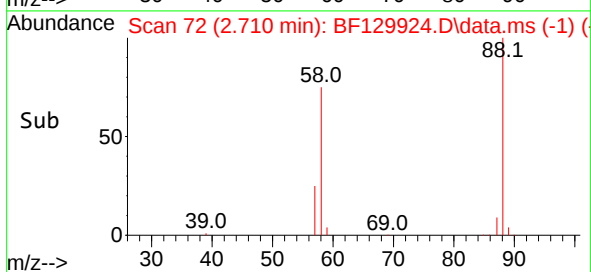
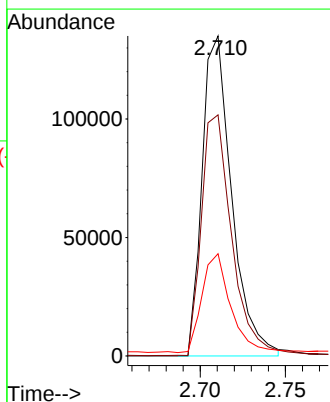
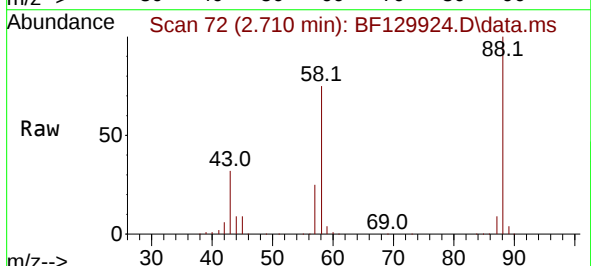
Manual Integrations
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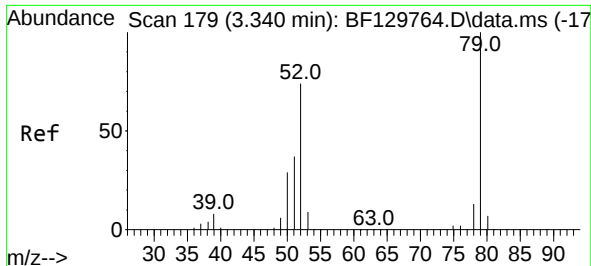
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#2
1,4-Dioxane
Concen: 46.860 ng
RT: 2.710 min Scan# 72
Delta R.T. 0.241 min
Lab File: BF129924.D
Acq: 19 Aug 2022 23:09

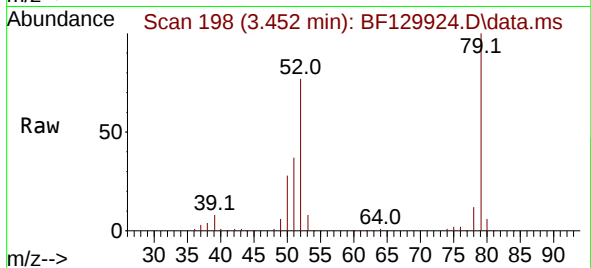
Tgt Ion: 88 Resp: 163476
Ion Ratio Lower Upper
88 100
58 76.9 60.9 91.3
43 0.0 23.6 35.4#





#3
Pyridine
Concen: 43.583 ng
RT: 3.452 min Scan# 184
Delta R.T. 0.218 min
Lab File: BF129924.D
Acq: 19 Aug 2022 23:09

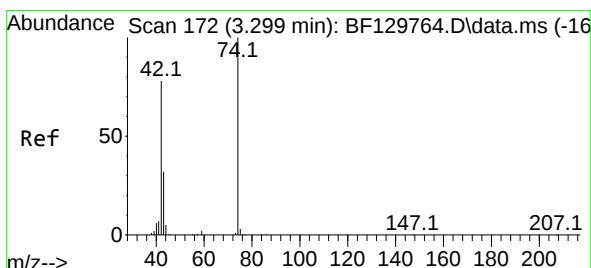
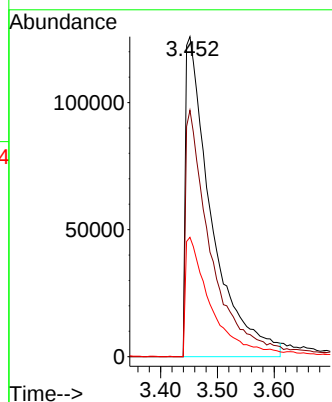
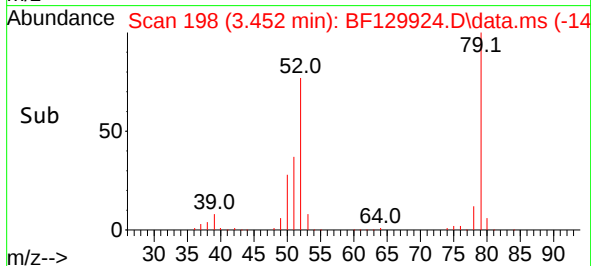
Instrument :
BNA_F
ClientSampleId :
BLDG-4-BASEMENT-DRUMMSD



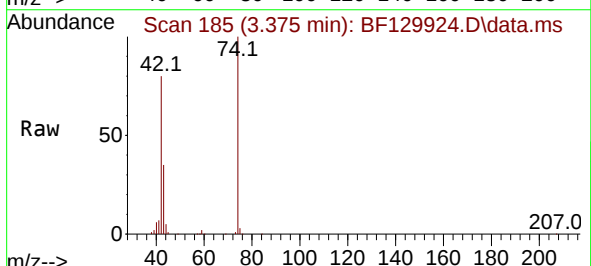
Tgt Ion: 79 Resp: 39788
Ion Ratio Lower Upper
79 100
52 77.0 59.4 89.2
51 37.3 29.5 44.3

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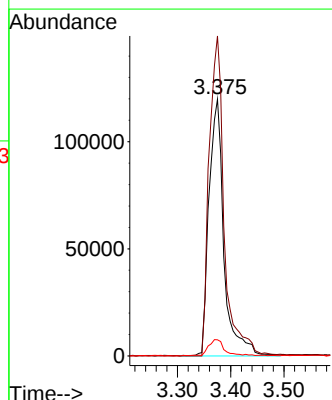
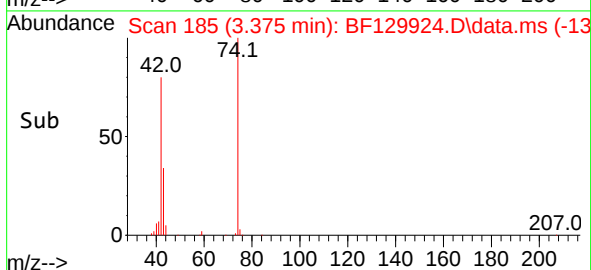
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#4
n-Nitrosodimethylamine
Concen: 55.627 ng
RT: 3.375 min Scan# 185
Delta R.T. 0.182 min
Lab File: BF129924.D
Acq: 19 Aug 2022 23:09



Tgt Ion: 42 Resp: 234045
Ion Ratio Lower Upper
42 100
74 124.6 103.1 154.7
44 6.3 5.4 8.2





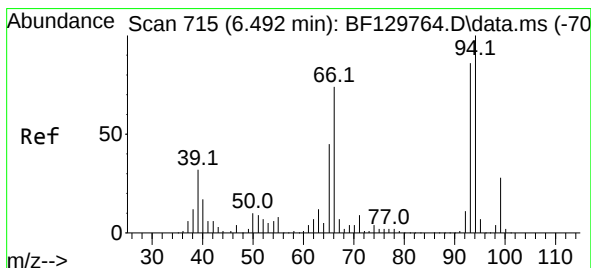
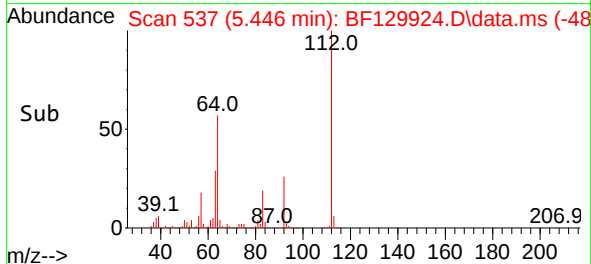
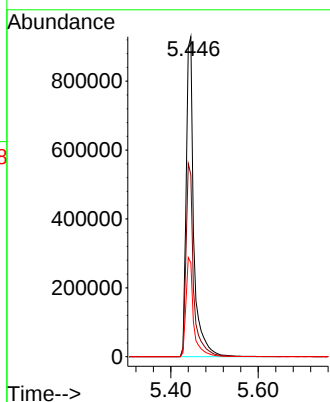
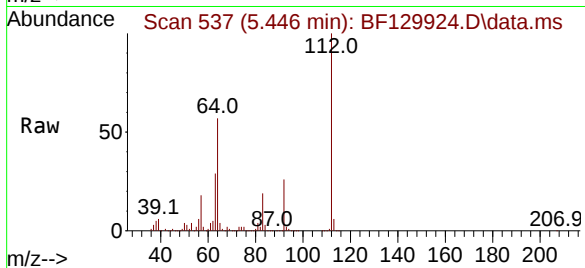
#5
2-Fluorophenol
Concen: 131.357 ng
RT: 5.446 min Scan# 511
Delta R.T. 0.024 min
Lab File: BF129924.D
Acq: 19 Aug 2022 23:09

Instrument :
BNA_F
ClientSampleId :
BLDG-4-BASEMENT-DRUMMSD

Tgt Ion:112 Resp: 1110740
Ion Ratio Lower Upper
112 100
64 56.9 47.6 71.4
63 29.4 24.6 37.0

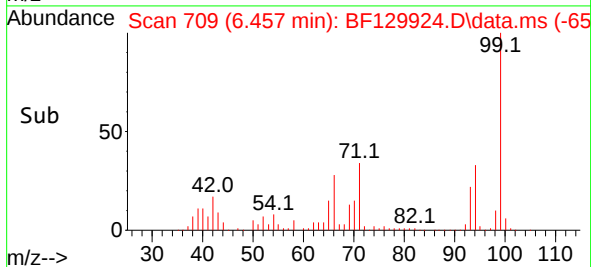
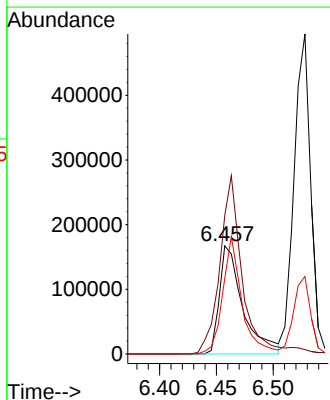
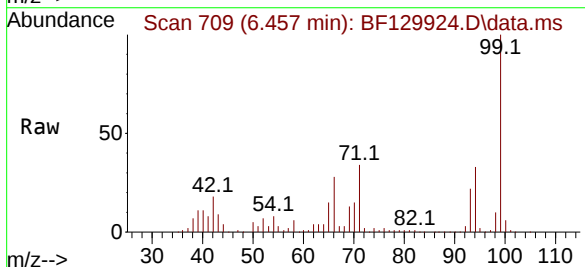
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#6
Aniline
Concen: 19.921 ng
RT: 6.457 min Scan# 709
Delta R.T. 0.000 min
Lab File: BF129924.D
Acq: 19 Aug 2022 23:09

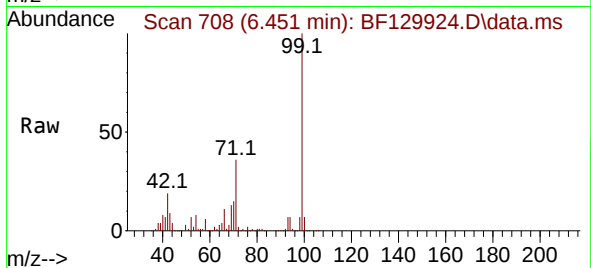
Tgt Ion: 93 Resp: 240431
Ion Ratio Lower Upper
93 100
66 128.0 68.7 103.1#
65 69.9 41.6 62.4#





#7
Phenol-d6
Concen: 123.194 ng
RT: 6.451 min Scan# 708
Delta R.T. 0.006 min
Lab File: BF129924.D
Acq: 19 Aug 2022 23:09

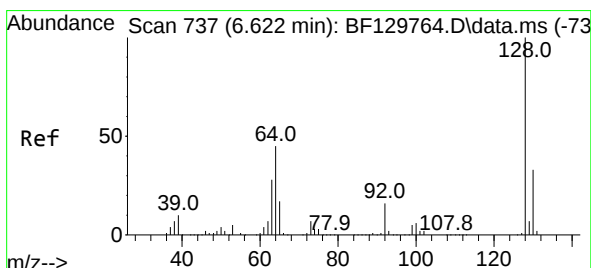
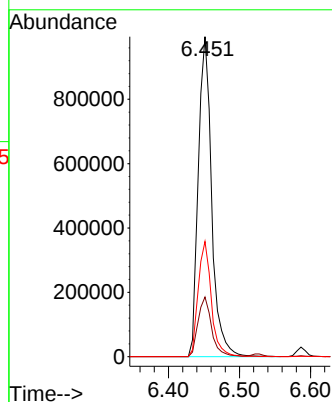
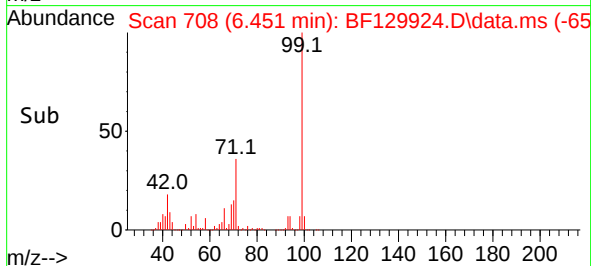
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ClientSampleId :
BLDG-4-BASEMENT-DRUMMSD



Tgt Ion: 99 Resp: 130452
Ion Ratio Lower Upper
99 100
42 18.6 15.0 22.4
71 36.0 28.8 43.2

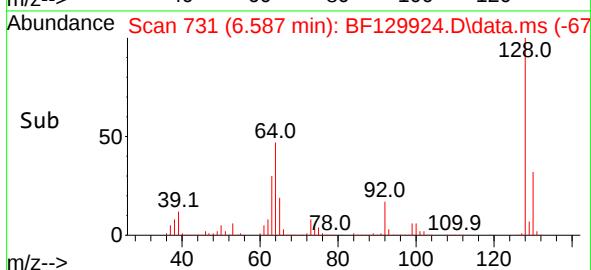
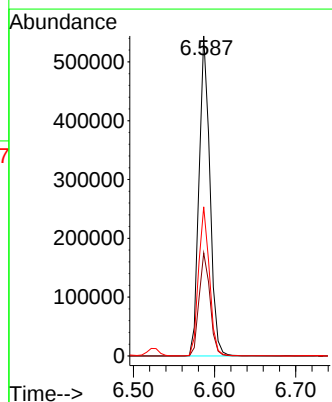
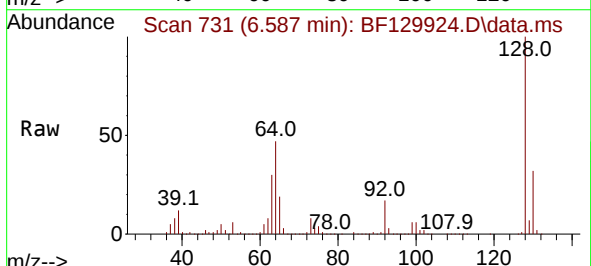
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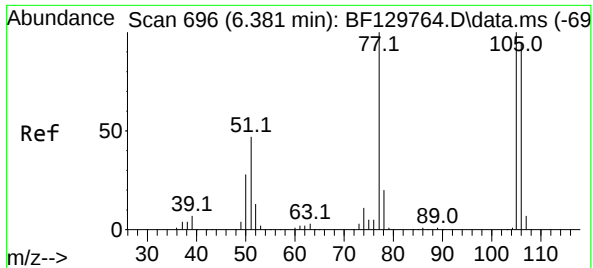
Reviewed By :Christian Giraldo 08/22/2022
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#8
2-Chlorophenol
Concen: 53.746 ng
RT: 6.587 min Scan# 731
Delta R.T. 0.006 min
Lab File: BF129924.D
Acq: 19 Aug 2022 23:09

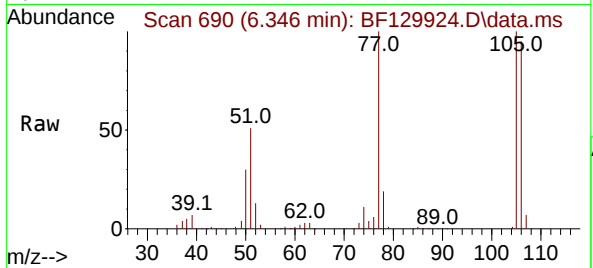
Tgt Ion:128 Resp: 505939
Ion Ratio Lower Upper
128 100
130 32.2 12.5 52.5
64 46.6 24.9 64.9





#9
Benzaldehyde
Concen: 19.594 ng
RT: 6.346 min Scan# 696
Delta R.T. 0.000 min
Lab File: BF129924.D
Acq: 19 Aug 2022 23:09

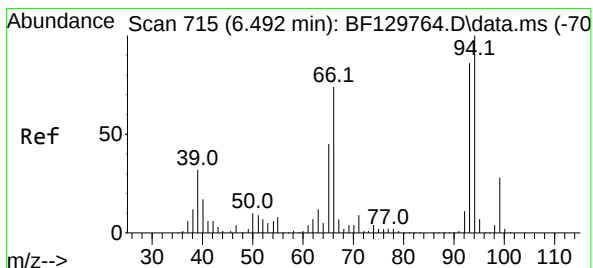
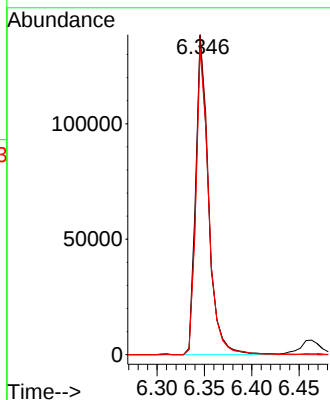
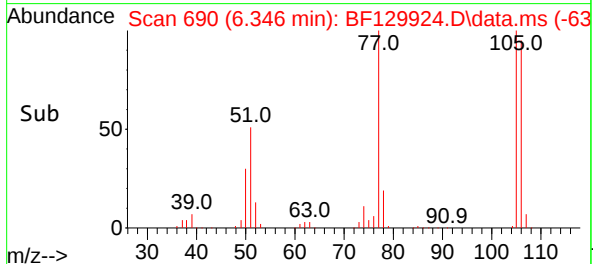
Instrument :
BNA_F
ClientSampleId :
BLDG-4-BASEMENT-DRUMMSD



Tgt Ion: 77 Resp: 13046
Ion Ratio Lower Upper
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106 95.4 74.3 114.3

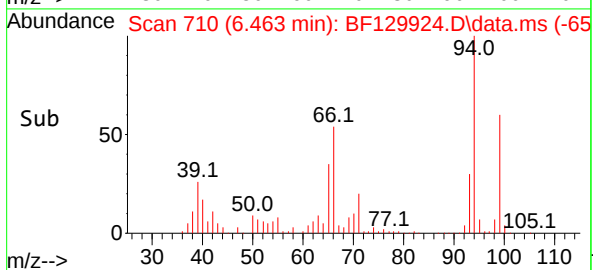
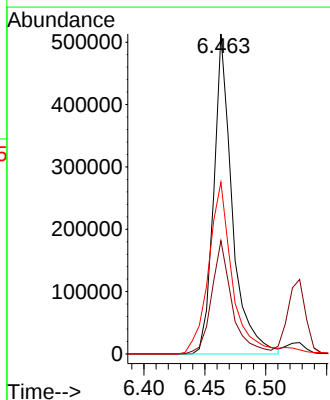
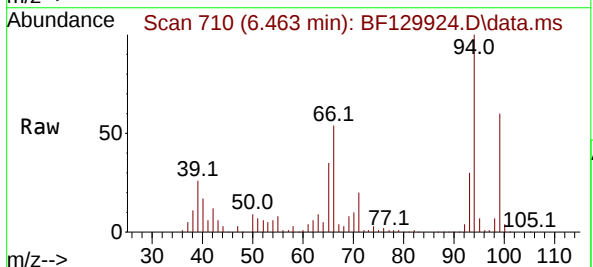
Manual Integrations
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Supervised By :Jagrut Upadhyay 08/22/2022



#10
Phenol
Concen: 46.693 ng
RT: 6.463 min Scan# 710
Delta R.T. 0.006 min
Lab File: BF129924.D
Acq: 19 Aug 2022 23:09

Tgt Ion: 94 Resp: 542368
Ion Ratio Lower Upper
94 100
65 35.4 24.9 64.9
66 53.7 54.2 94.2#





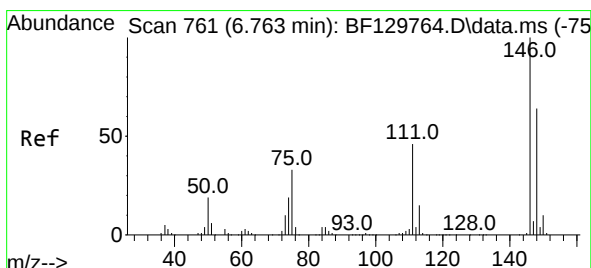
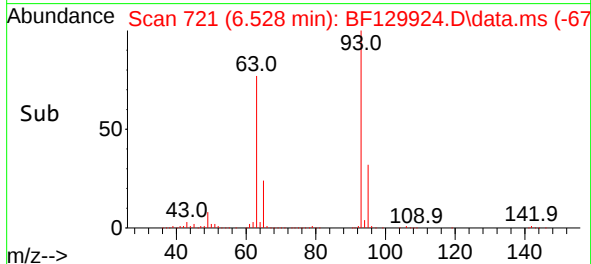
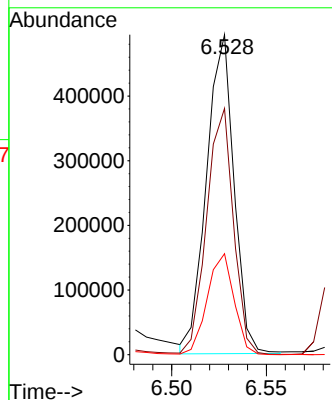
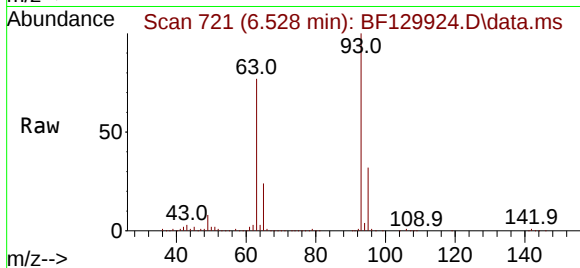
#11
bis(2-Chloroethyl)ether
Concen: 56.568 ng
RT: 6.528 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF129924.D
Acq: 19 Aug 2022 23:09

Instrument :
BNA_F
ClientSampleId :
BLDG-4-BASEMENT-DRUMMSD

Tgt Ion: 93 Resp: 498962
Ion Ratio Lower Upper
93 100
63 77.0 55.9 95.9
95 31.6 12.3 52.3

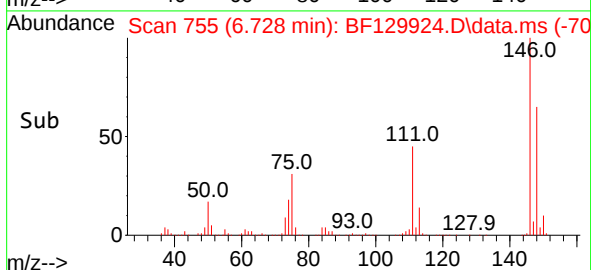
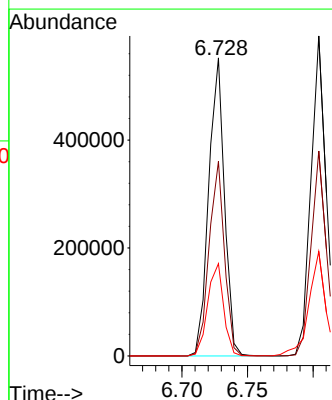
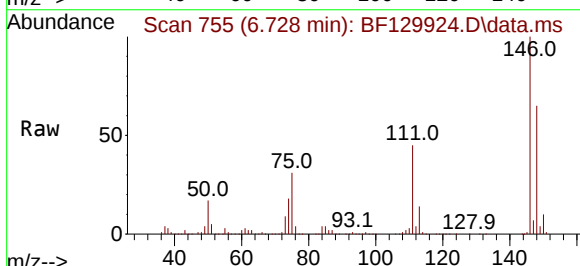
Manual Integrations
APPROVED

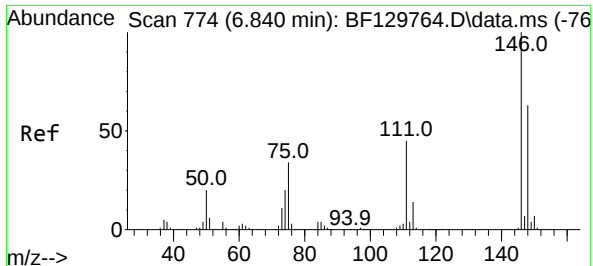
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#12
1,3-Dichlorobenzene
Concen: 45.449 ng
RT: 6.728 min Scan# 755
Delta R.T. 0.000 min
Lab File: BF129924.D
Acq: 19 Aug 2022 23:09

Tgt Ion:146 Resp: 461878
Ion Ratio Lower Upper
146 100
148 65.3 51.2 76.8
75 31.0 26.5 39.7





#13

1,4-Dichlorobenzene

Concen: 45.269 ng

RT: 6.804 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF129924.D

Acq: 19 Aug 2022 23:09

Instrument :

BNA_F

ClientSampleId :

BLDG-4-BASEMENT-DRUMMSD

Tgt Ion:146 Resp: 470064

Ion Ratio Lower Upper

146 100

148 64.0 50.6 75.8

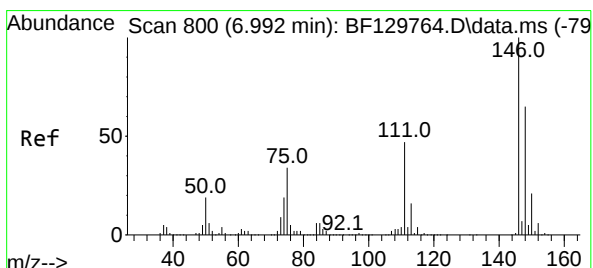
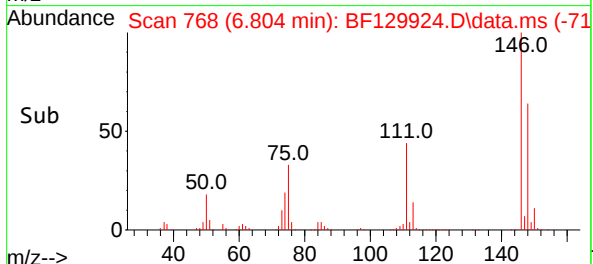
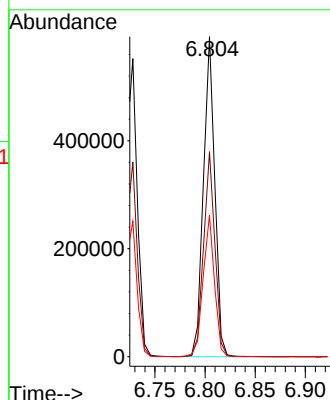
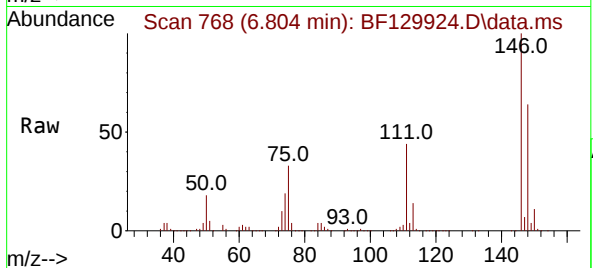
111 44.3 36.2 54.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/22/2022

Supervised By :Jagrut Upadhyay 08/22/2022



#14

1,2-Dichlorobenzene

Concen: 46.810 ng

RT: 6.957 min Scan# 794

Delta R.T. 0.000 min

Lab File: BF129924.D

Acq: 19 Aug 2022 23:09

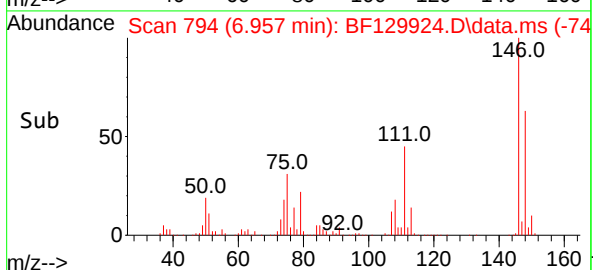
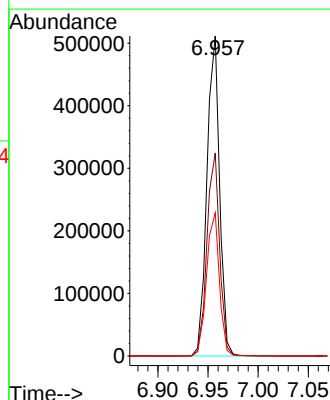
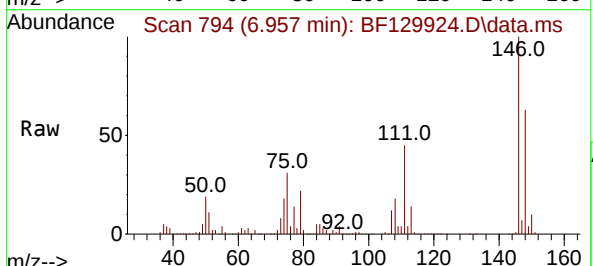
Tgt Ion:146 Resp: 451434

Ion Ratio Lower Upper

146 100

148 63.5 51.8 77.6

111 44.8 37.2 55.8





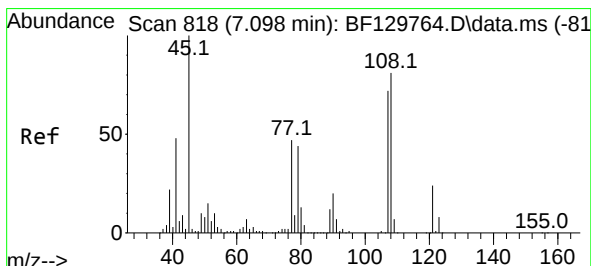
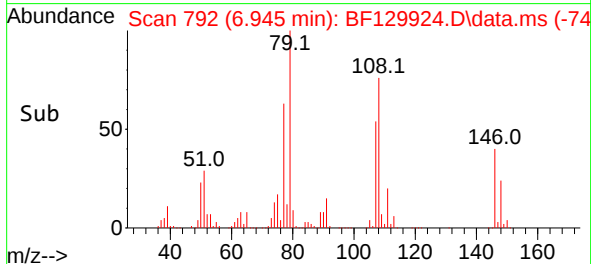
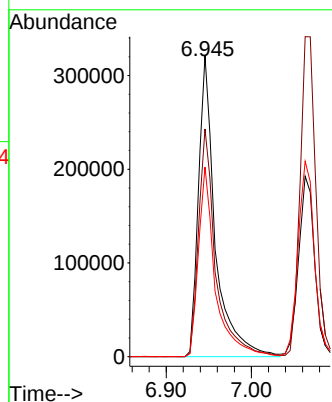
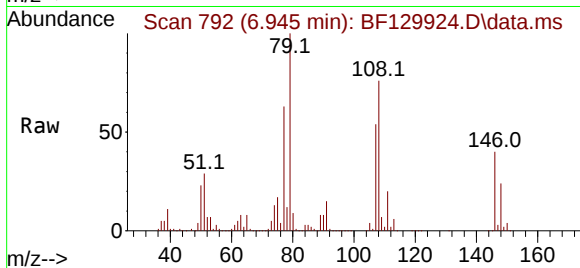
#15
Benzyl Alcohol
Concen: 55.233 ng
RT: 6.945 min Scan# 79
Delta R.T. 0.006 min
Lab File: BF129924.D
Acq: 19 Aug 2022 23:09

Instrument :
BNA_F
ClientSampleId :
BLDG-4-BASEMENT-DRUMMSD

Tgt Ion: 79 Resp: 441538
Ion Ratio Lower Upper
79 100
108 75.7 59.2 88.8
77 63.0 51.9 77.9

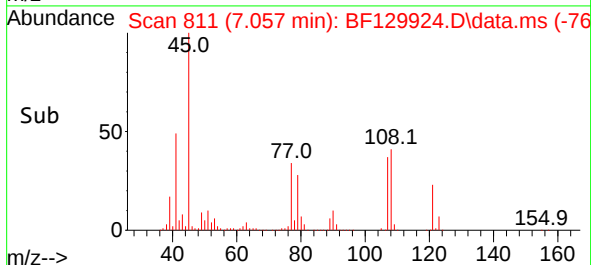
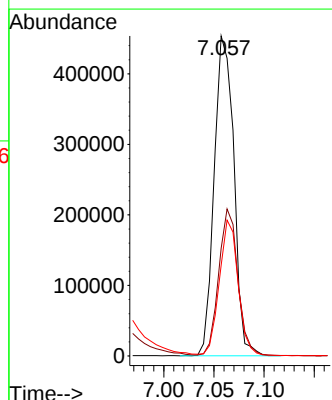
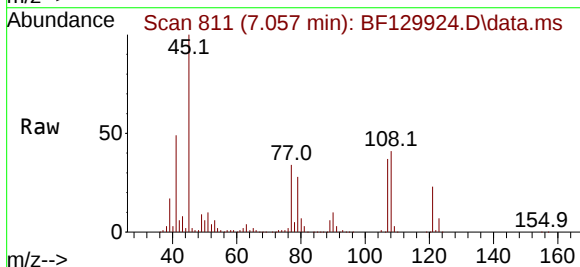
Manual Integrations
APPROVED

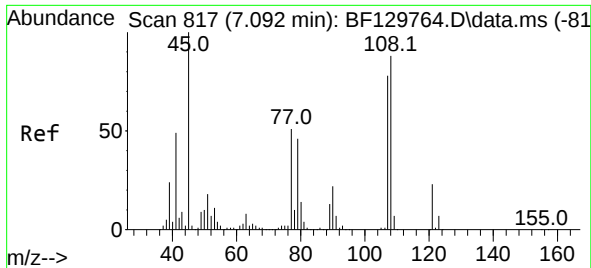
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.158 ng
RT: 7.057 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF129924.D
Acq: 19 Aug 2022 23:09

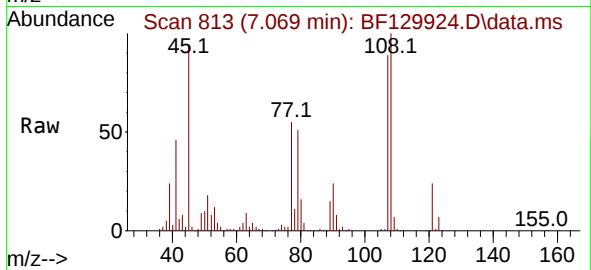
Tgt Ion: 45 Resp: 616469
Ion Ratio Lower Upper
45 100
77 33.6 27.4 67.4
79 28.3 24.4 64.4





#17
2-Methylphenol
Concen: 51.985 ng
RT: 7.069 min Scan# 817
Delta R.T. 0.012 min
Lab File: BF129924.D
Acq: 19 Aug 2022 23:09

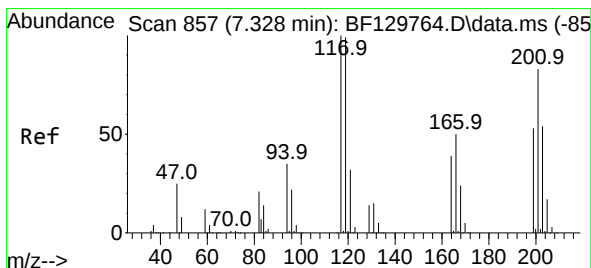
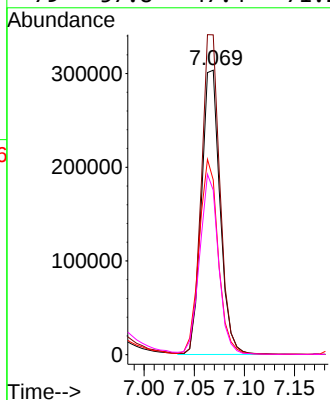
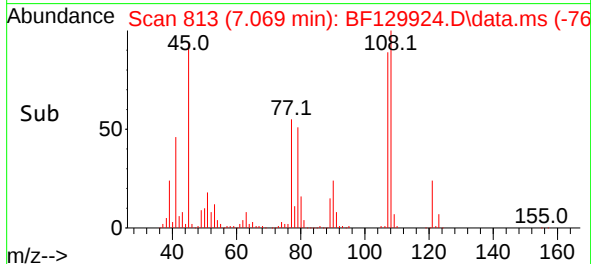
Instrument :
BNA_F
ClientSampleId :
BLDG-4-BASEMENT-DRUMMSD



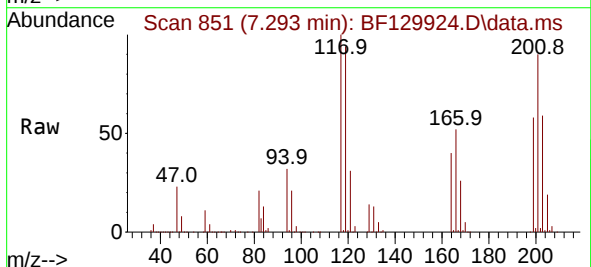
Tgt Ion:107 Resp: 392920
Ion Ratio Lower Upper
107 100
108 112.4 90.2 135.2
77 61.4 51.8 77.8
79 57.8 47.4 71.2

Manual Integrations
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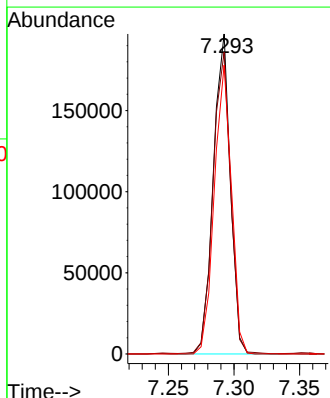
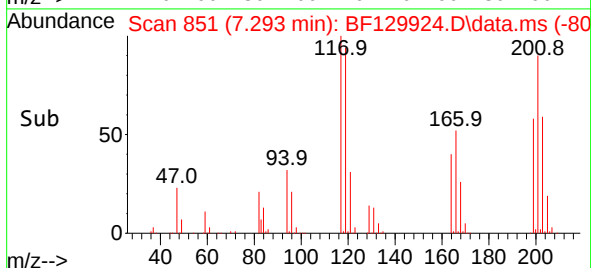
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#18
Hexachloroethane
Concen: 45.600 ng
RT: 7.293 min Scan# 851
Delta R.T. 0.000 min
Lab File: BF129924.D
Acq: 19 Aug 2022 23:09



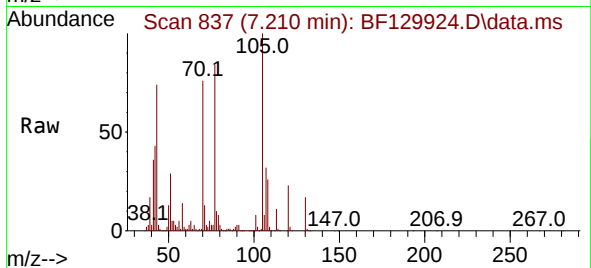
Tgt Ion:117 Resp: 177810
Ion Ratio Lower Upper
117 100
119 94.3 79.1 118.7
201 90.3 66.6 100.0





#19
n-Nitroso-di-n-propylamine
Concen: 55.198 ng
RT: 7.210 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF129924.D
Acq: 19 Aug 2022 23:09

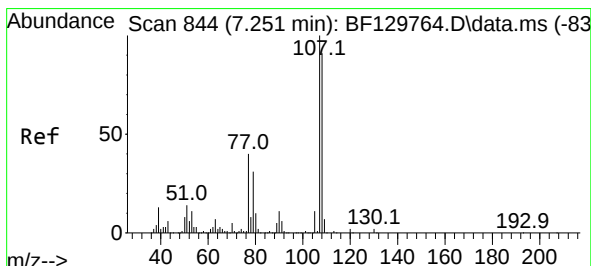
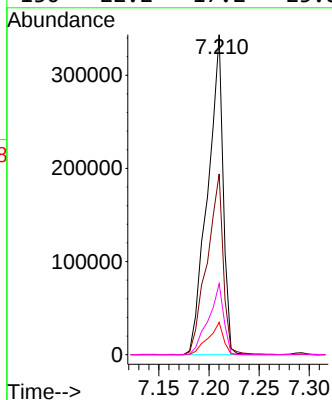
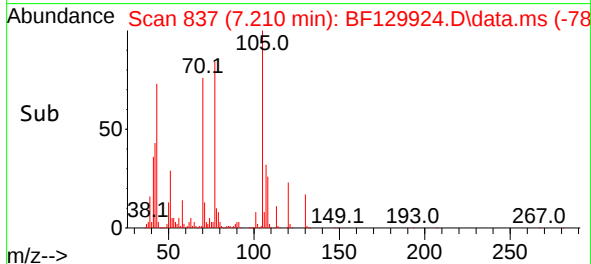
Instrument :
BNA_F
ClientSampleId :
BLDG-4-BASEMENT-DRUMMSD



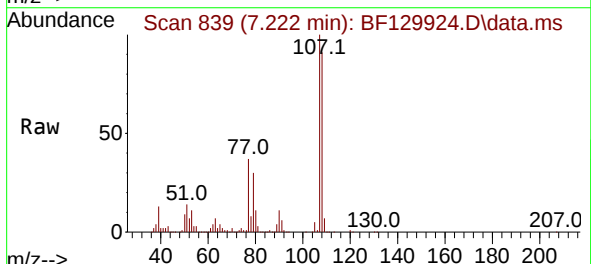
Tgt Ion: 70 Resp: 36945
Ion Ratio Lower Upper
70 100
42 56.5 47.6 71.4
101 10.1 8.1 12.1
130 22.2 17.2 25.8

Manual Integrations
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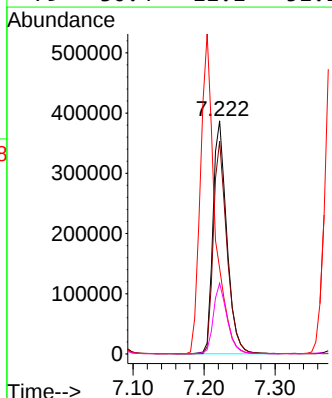
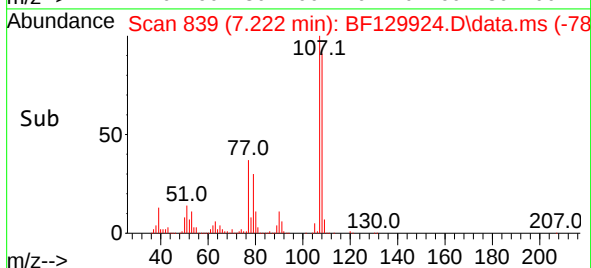
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

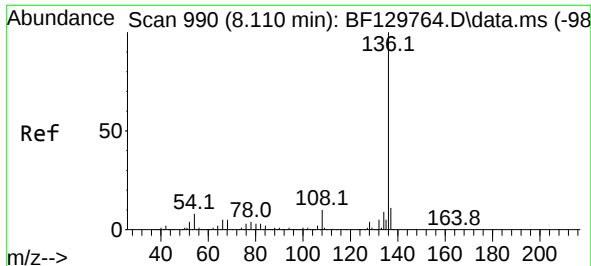


#20
3+4-Methylphenols
Concen: 51.406 ng
RT: 7.222 min Scan# 839
Delta R.T. 0.006 min
Lab File: BF129924.D
Acq: 19 Aug 2022 23:09



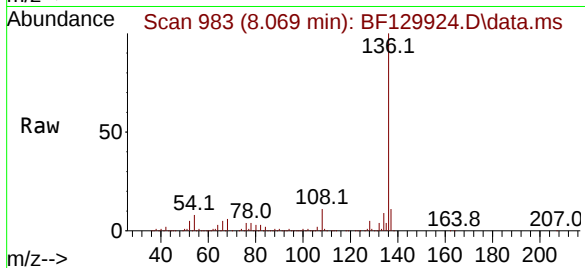
Tgt Ion:107 Resp: 521567
Ion Ratio Lower Upper
107 100
108 91.3 71.3 111.3
77 36.8 20.4 60.4
79 30.4 11.1 51.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF129924.D
Acq: 19 Aug 2022 23:09

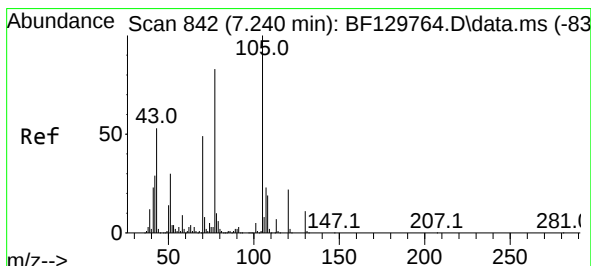
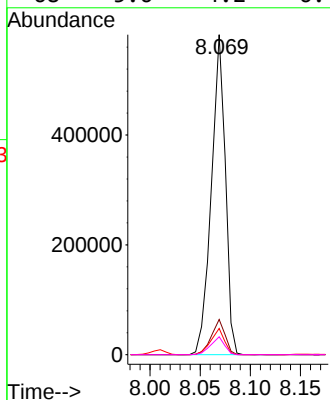
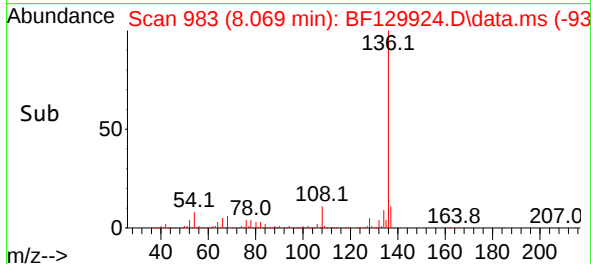
Instrument :
BNA_F
ClientSampleId :
BLDG-4-BASEMENT-DRUMMSD



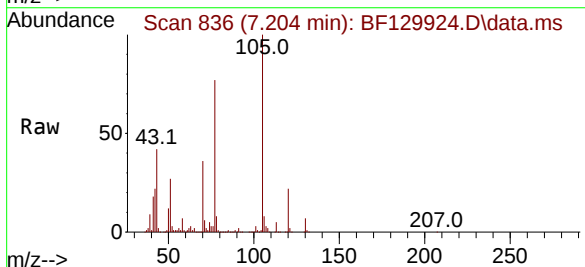
Tgt Ion:136 Resp: 565679
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 8.2 6.2 9.2
68 5.6 4.2 6.4

Manual Integrations
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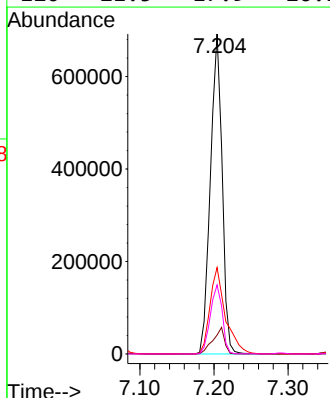
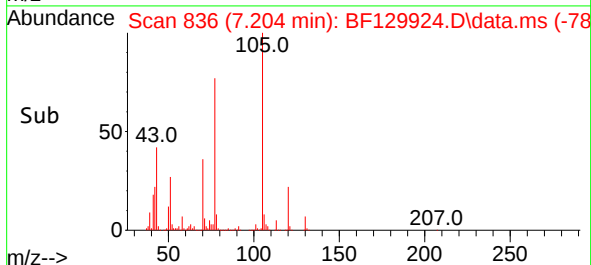
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#22
Acetophenone
Concen: 55.249 ng
RT: 7.204 min Scan# 836
Delta R.T. 0.000 min
Lab File: BF129924.D
Acq: 19 Aug 2022 23:09



Tgt Ion:105 Resp: 761610
Ion Ratio Lower Upper
105 100
71 5.9 6.6 9.8#
51 27.0 23.8 35.8
120 21.5 17.9 26.9





#23

Nitrobenzene-d5

Concen: 89.033 ng

RT: 7.363 min Scan# 80

Delta R.T. 0.006 min

Lab File: BF129924.D

Acq: 19 Aug 2022 23:09

Instrument :

BNA_F

ClientSampleId :

BLDG-4-BASEMENT-DRUMMSD

Tgt Ion: 82 Resp: 940824

Ion Ratio Lower Upper

82 100

128 45.4 36.1 54.1

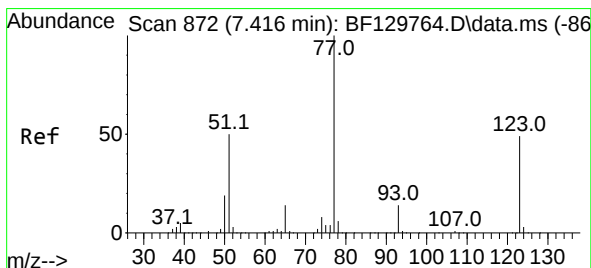
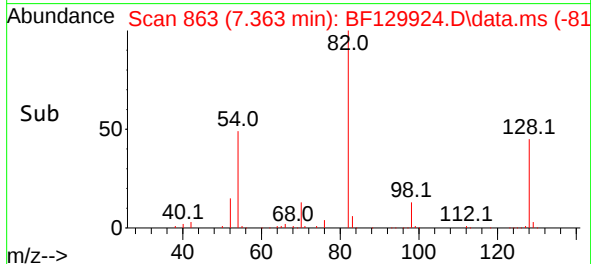
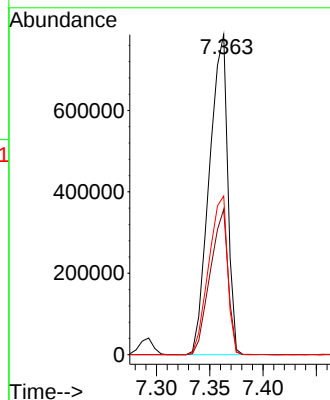
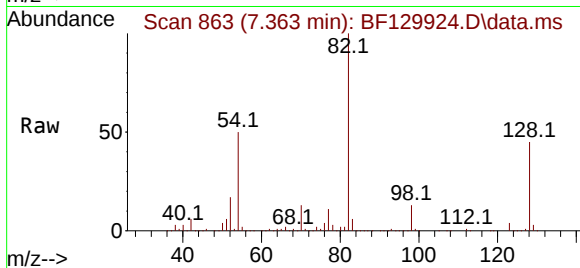
54 49.6 40.0 60.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/22/2022

Supervised By :Jagrut Upadhyay 08/22/2022



#24

Nitrobenzene

Concen: 50.585 ng

RT: 7.381 min Scan# 866

Delta R.T. 0.000 min

Lab File: BF129924.D

Acq: 19 Aug 2022 23:09

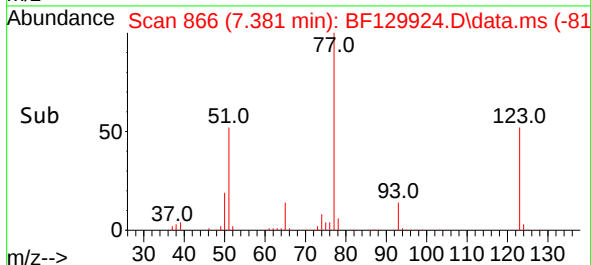
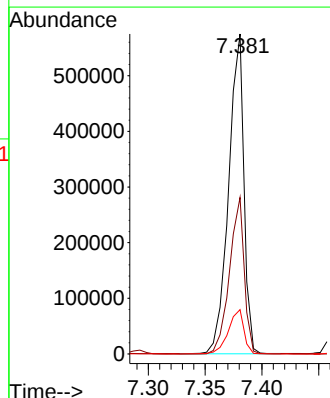
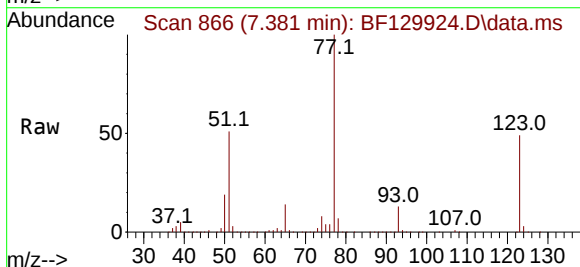
Tgt Ion: 77 Resp: 539011

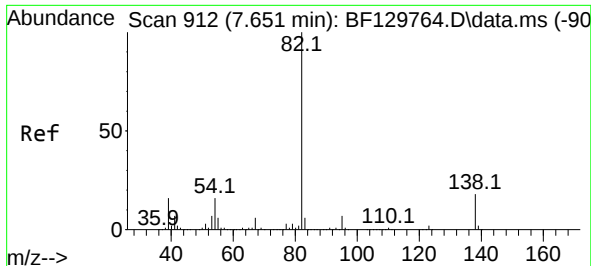
Ion Ratio Lower Upper

77 100

123 48.9 39.2 58.8

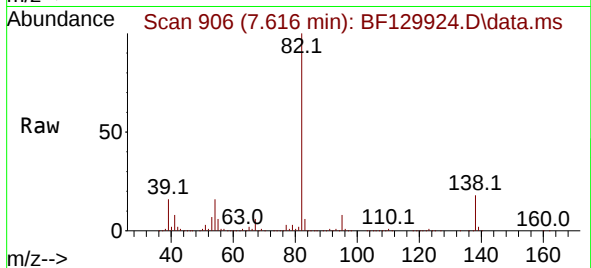
65 13.9 11.1 16.7





#25
Isophorone
Concen: 54.291 ng
RT: 7.616 min Scan# 906
Delta R.T. 0.000 min
Lab File: BF129924.D
Acq: 19 Aug 2022 23:09

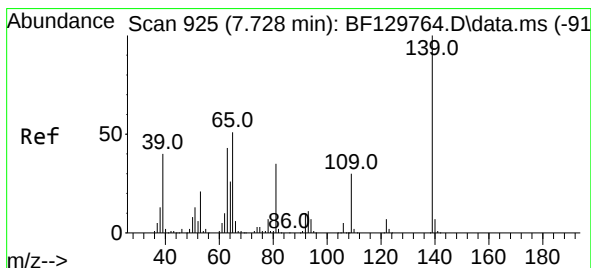
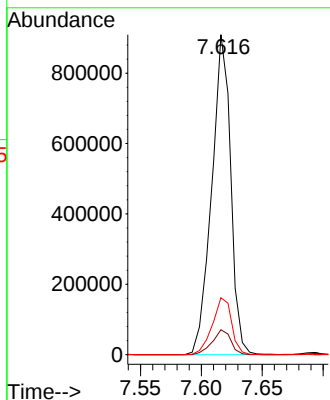
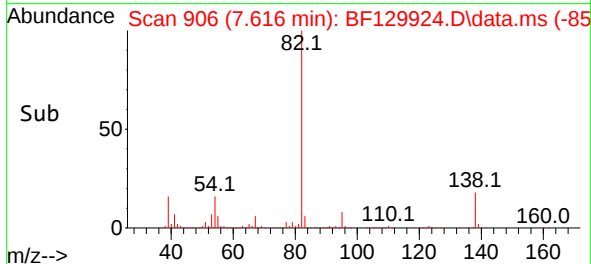
Instrument :
BNA_F
ClientSampleId :
BLDG-4-BASEMENT-DRUMMSD



Tgt Ion: 82 Resp: 98742
Ion Ratio Lower Upper
82 100
95 7.8 5.9 8.9
138 17.8 14.6 21.8

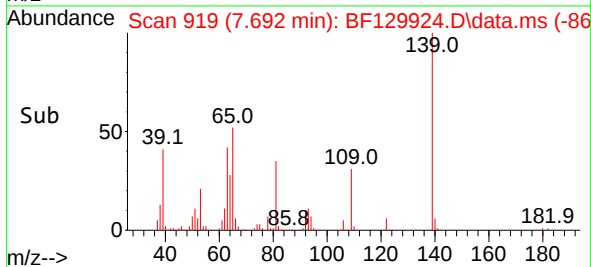
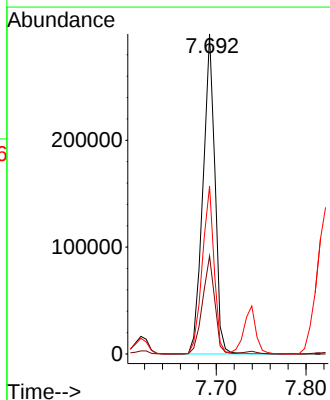
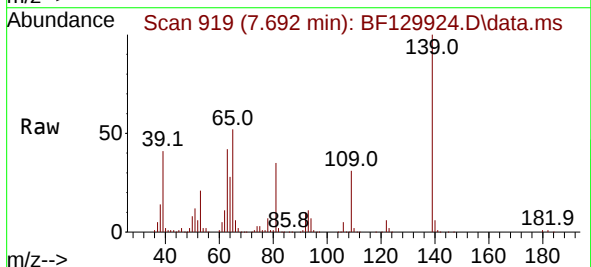
Manual Integrations
APPROVED

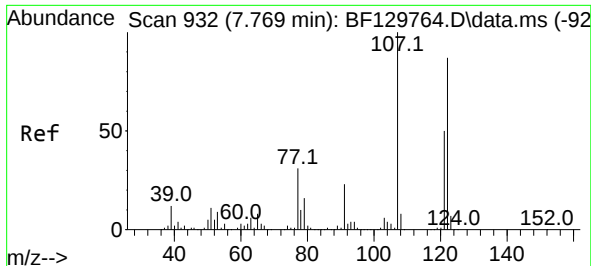
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#26
2-Nitrophenol
Concen: 52.999 ng
RT: 7.692 min Scan# 919
Delta R.T. 0.000 min
Lab File: BF129924.D
Acq: 19 Aug 2022 23:09

Tgt Ion:139 Resp: 277780
Ion Ratio Lower Upper
139 100
109 30.6 24.4 36.6
65 52.4 40.9 61.3





#27

2,4-Dimethylphenol

Concen: 54.132 ng

RT: 7.740 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF129924.D

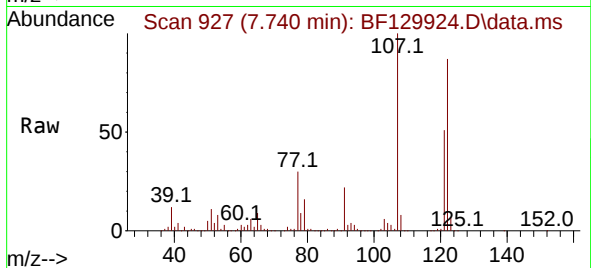
Acq: 19 Aug 2022 23:09

Instrument :

BNA_F

ClientSampleId :

BLDG-4-BASEMENT-DRUMMSD



Tgt Ion:122 Resp: 406889

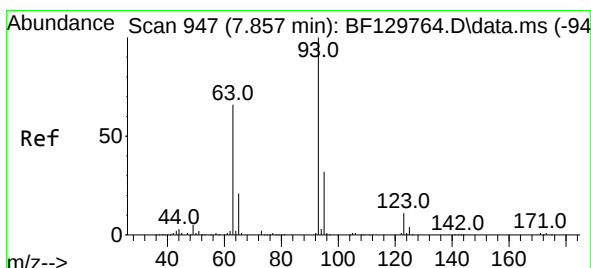
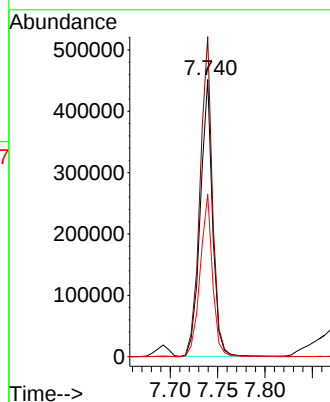
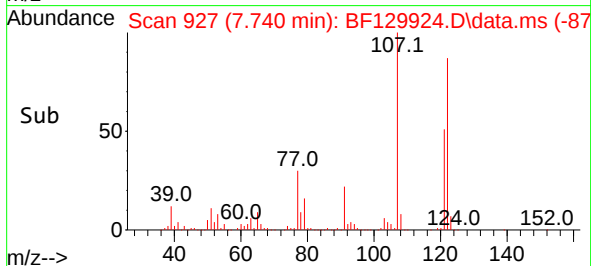
Ion	Ratio	Lower	Upper
122	100		
107	115.5	92.2	138.4
121	58.6	46.1	69.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/22/2022

Supervised By :Jagrut Upadhyay 08/22/2022



#28

bis(2-Chloroethoxy)methane

Concen: 57.756 ng

RT: 7.822 min Scan# 941

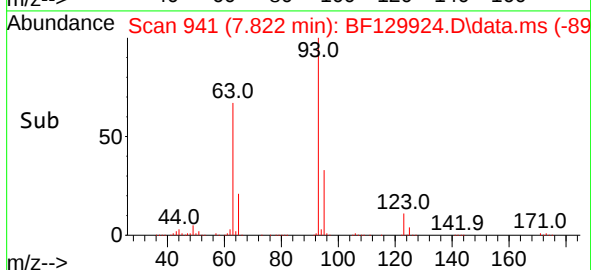
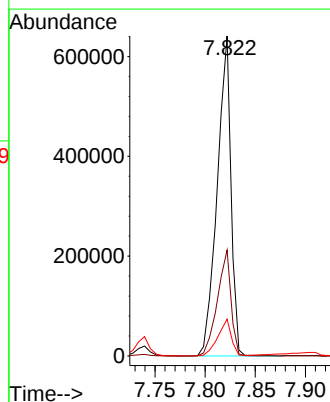
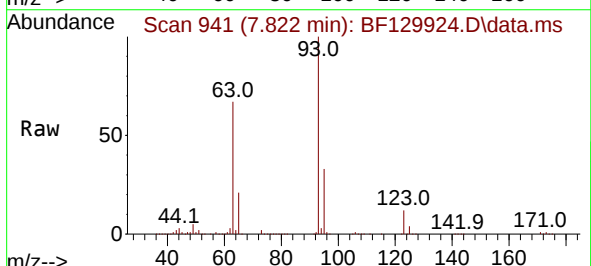
Delta R.T. 0.000 min

Lab File: BF129924.D

Acq: 19 Aug 2022 23:09

Tgt Ion: 93 Resp: 613329

Ion	Ratio	Lower	Upper
93	100		
95	33.1	25.6	38.4
123	11.5	9.0	13.4





#29

2,4-Dichlorophenol

Concen: 52.362 ng

RT: 7.945 min Scan# 90

Delta R.T. 0.006 min

Lab File: BF129924.D

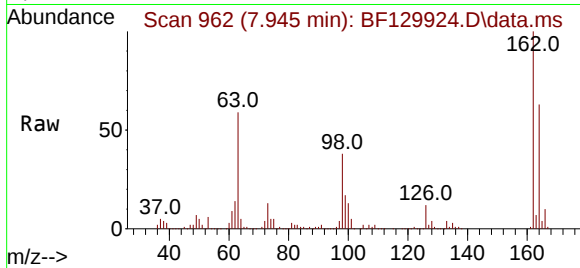
Acq: 19 Aug 2022 23:09

Instrument :

BNA_F

ClientSampleId :

BLDG-4-BASEMENT-DRUMMSD



Tgt Ion:162 Resp: 43036

Ion Ratio Lower Upper

162 100

164 63.5 43.7 83.7

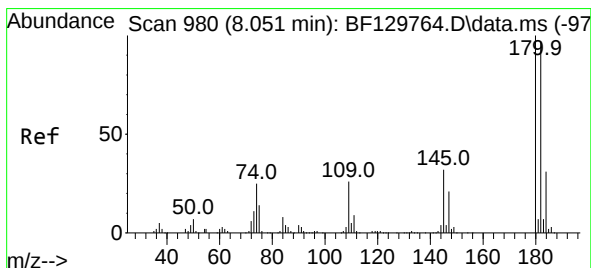
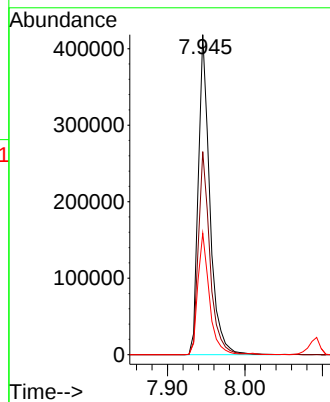
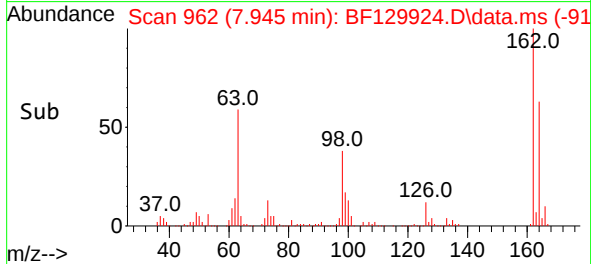
98 37.9 16.5 56.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/22/2022

Supervised By :Jagrut Upadhyay 08/22/2022



#30

1,2,4-Trichlorobenzene

Concen: 45.162 ng

RT: 8.010 min Scan# 973

Delta R.T. 0.000 min

Lab File: BF129924.D

Acq: 19 Aug 2022 23:09

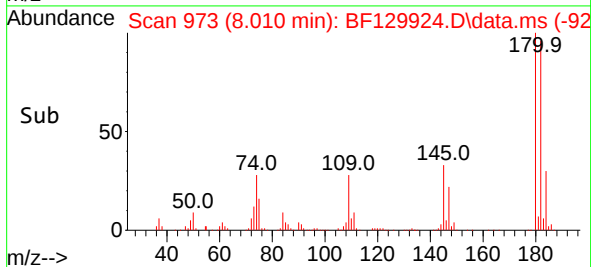
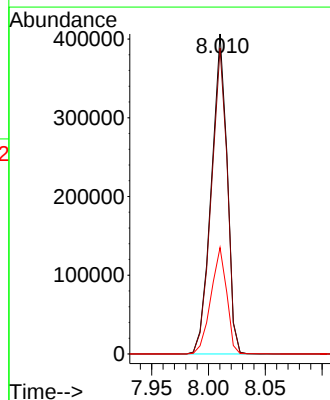
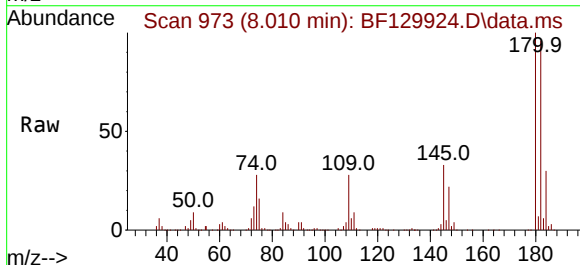
Tgt Ion:180 Resp: 391586

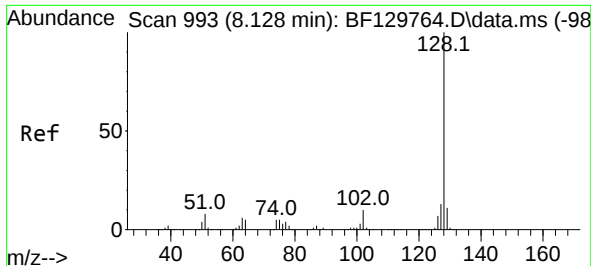
Ion Ratio Lower Upper

180 100

182 95.6 77.6 116.4

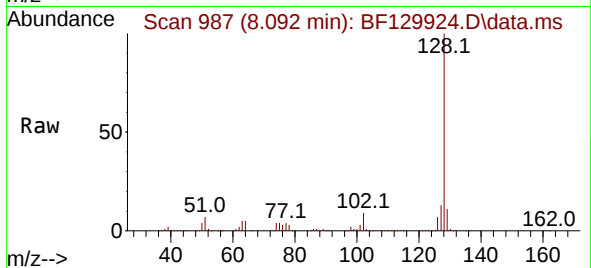
145 33.2 25.6 38.4





#31
Naphthalene
Concen: 47.737 ng
RT: 8.092 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF129924.D
Acq: 19 Aug 2022 23:09

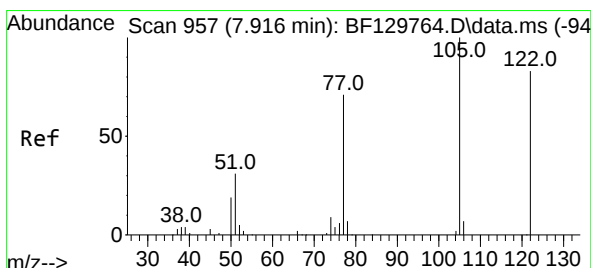
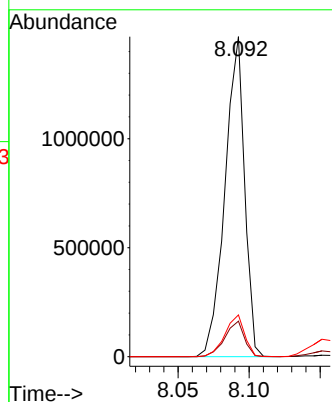
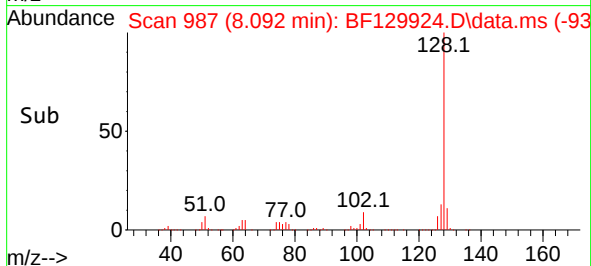
Instrument :
BNA_F
ClientSampleId :
BLDG-4-BASEMENT-DRUMMSD



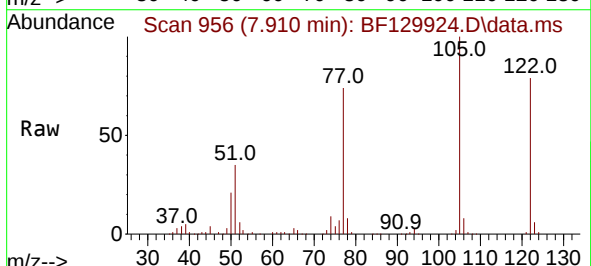
Tgt Ion:128 Resp: 1411930
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.0 10.7 16.1

Manual Integrations
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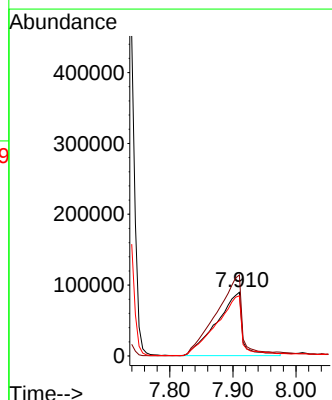
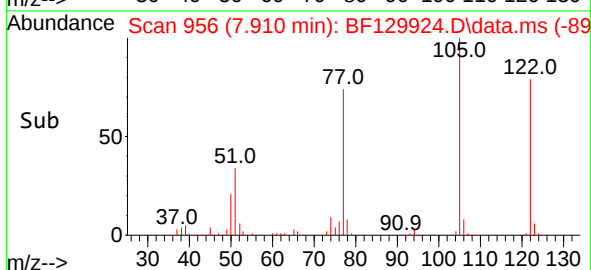
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

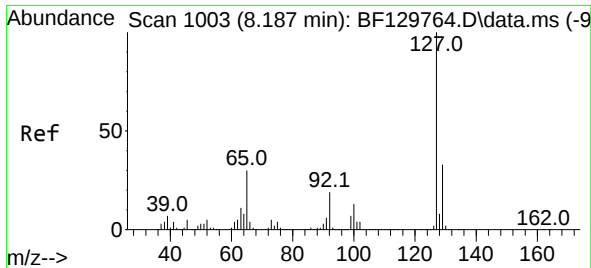


#32
Benzoic acid
Concen: 67.222 ng
RT: 7.910 min Scan# 956
Delta R.T. 0.035 min
Lab File: BF129924.D
Acq: 19 Aug 2022 23:09



Tgt Ion:122 Resp: 257035
Ion Ratio Lower Upper
122 100
105 127.0 99.9 139.9
77 94.6 65.9 105.9





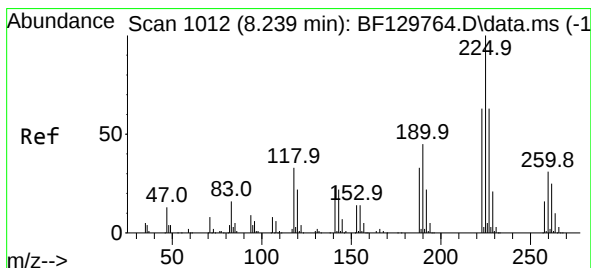
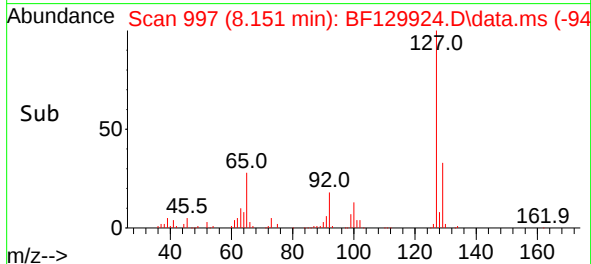
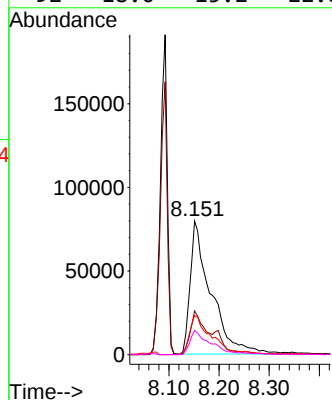
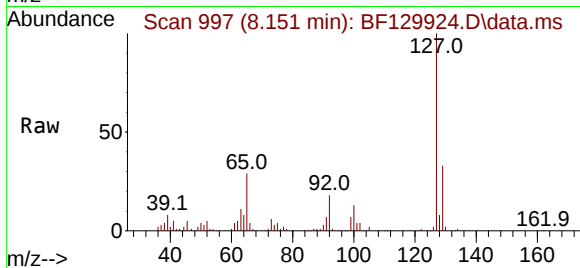
#33
4-Chloroaniline
Concen: 19.641 ng
RT: 8.151 min Scan# 94
Delta R.T. 0.000 min
Lab File: BF129924.D
Acq: 19 Aug 2022 23:09

Instrument :
BNA_F
ClientSampleId :
BLDG-4-BASEMENT-DRUMMSD

Tgt Ion:	127	Resp:	22845
Ion Ratio	Lower	Upper	
127	100		
129	32.8	26.7	40.1
65	29.1	24.2	36.2
92	18.0	15.2	22.8

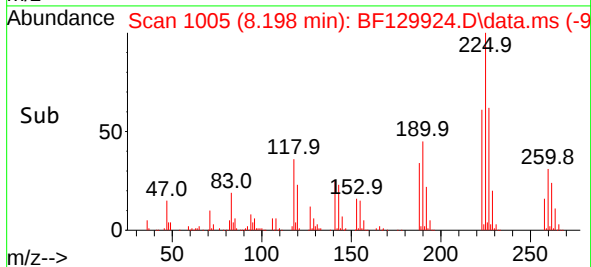
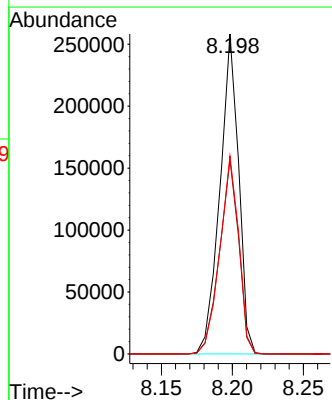
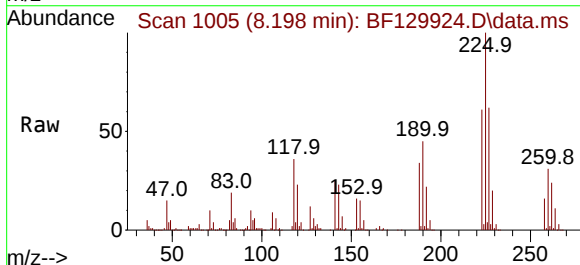
Manual Integrations
APPROVED

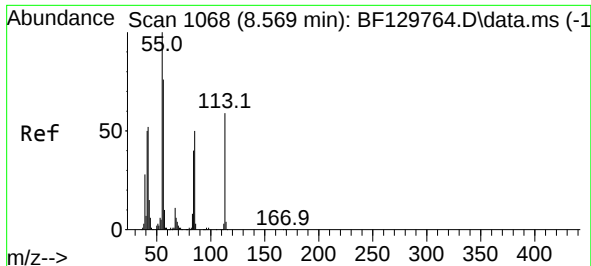
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#34
Hexachlorobutadiene
Concen: 44.733 ng
RT: 8.198 min Scan# 1005
Delta R.T. 0.000 min
Lab File: BF129924.D
Acq: 19 Aug 2022 23:09

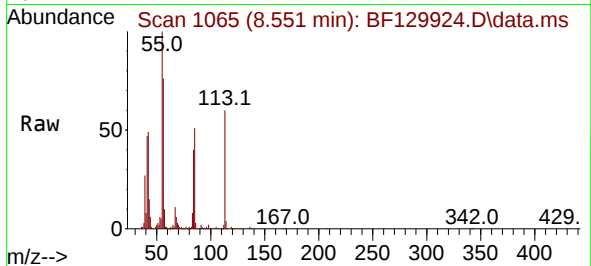
Tgt Ion:	225	Resp:	236175
Ion Ratio	Lower	Upper	
225	100		
223	60.7	50.2	75.2
227	61.9	50.6	75.8





#35
Caprolactam
Concen: 48.421 ng m
RT: 8.551 min Scan# 1065
Delta R.T. 0.024 min
Lab File: BF129924.D
Acq: 19 Aug 2022 23:09

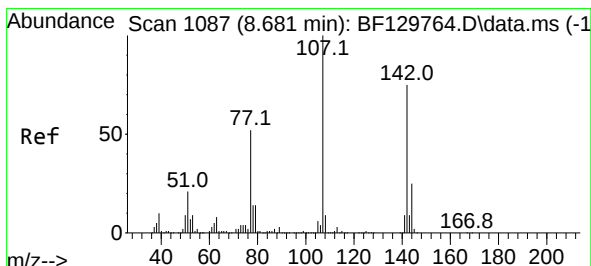
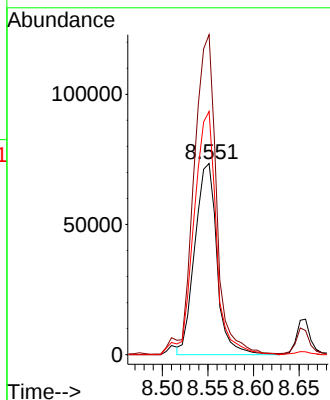
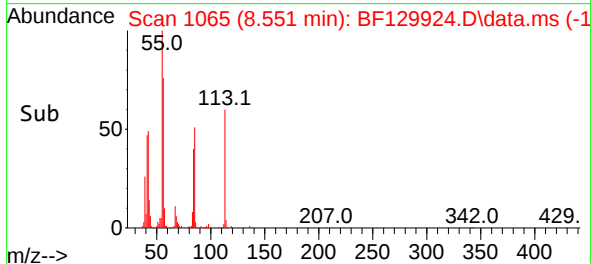
Instrument :
BNA_F
ClientSampleId :
BLDG-4-BASEMENT-DRUMMSD



Tgt Ion:113 Resp: 123759
Ion Ratio Lower Upper
113 100
55 167.3 148.8 188.8
56 127.2 109.1 149.1

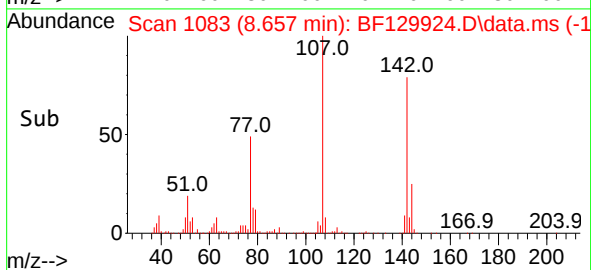
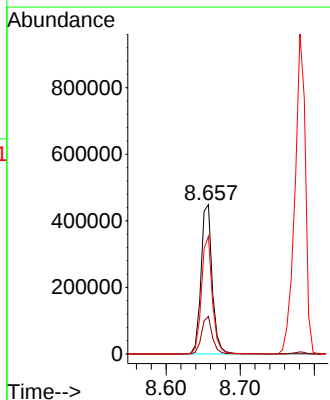
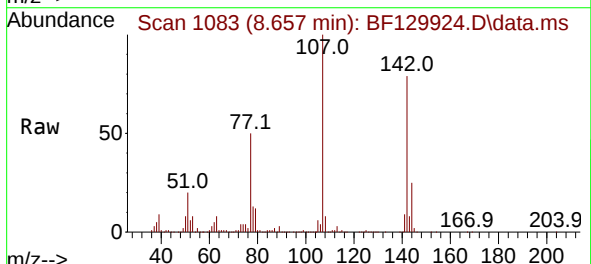
Manual Integrations
APPROVED

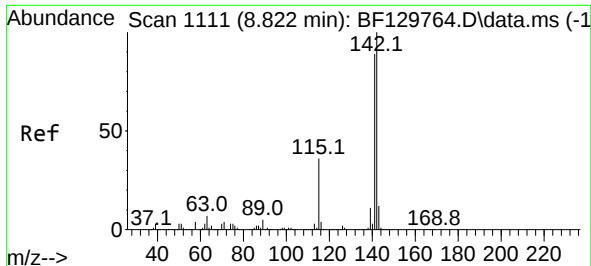
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#36
4-Chloro-3-methylphenol
Concen: 53.101 ng
RT: 8.657 min Scan# 1083
Delta R.T. 0.012 min
Lab File: BF129924.D
Acq: 19 Aug 2022 23:09

Tgt Ion:107 Resp: 470836
Ion Ratio Lower Upper
107 100
144 25.2 19.9 29.9
142 78.9 60.2 90.4





#37

2-Methylnaphthalene

Concen: 49.124 ng

RT: 8.781 min Scan# 1111

Delta R.T. 0.000 min

Lab File: BF129924.D

Acq: 19 Aug 2022 23:09

Instrument :

BNA_F

ClientSampleId :

BLDG-4-BASEMENT-DRUMMSD

Tgt Ion:142 Resp: 953619

Ion Ratio Lower Upper

142 100

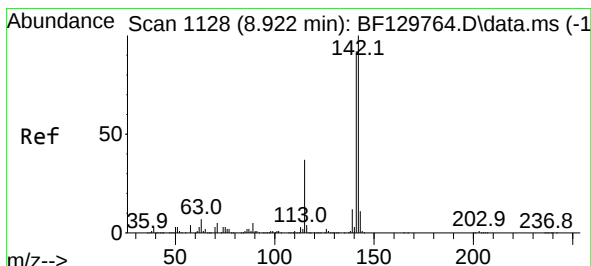
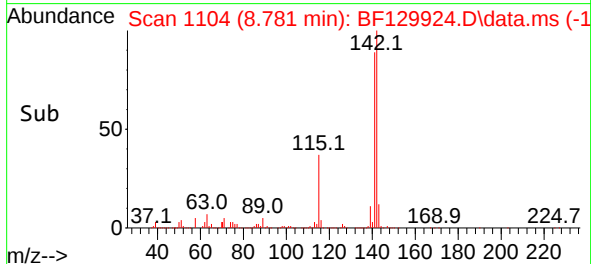
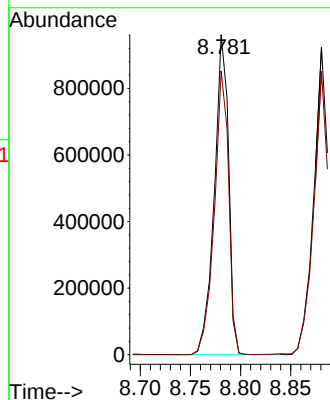
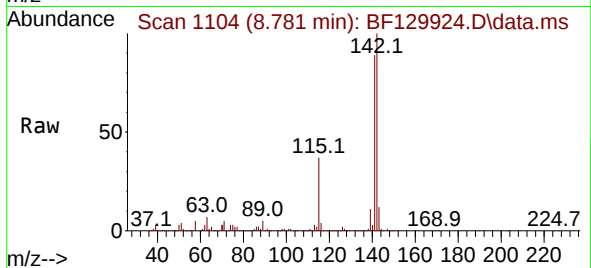
141 88.7 70.9 106.3

Manual Integrations

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Reviewed By :Christian Giraldo 08/22/2022

Supervised By :Jagrut Upadhyay 08/22/2022



#38

1-Methylnaphthalene

Concen: 47.741 ng

RT: 8.881 min Scan# 1121

Delta R.T. 0.000 min

Lab File: BF129924.D

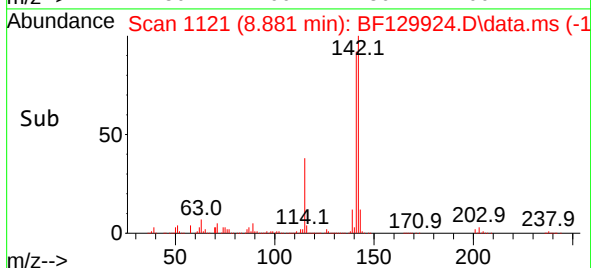
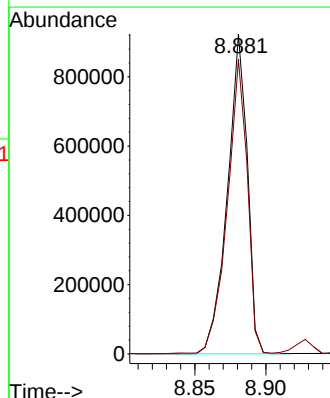
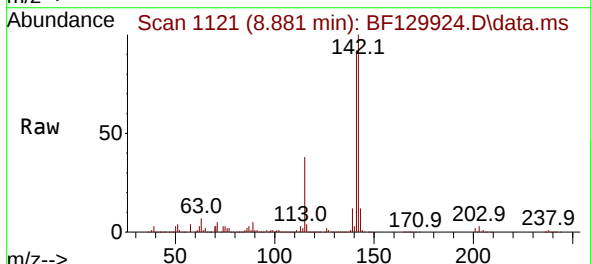
Acq: 19 Aug 2022 23:09

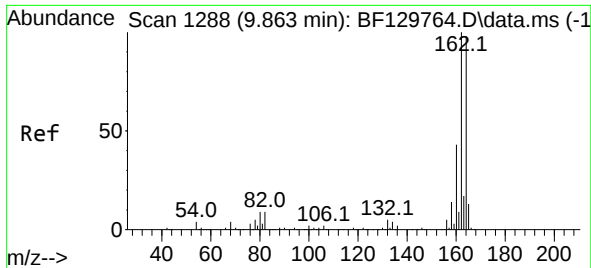
Tgt Ion:142 Resp: 900688

Ion Ratio Lower Upper

142 100

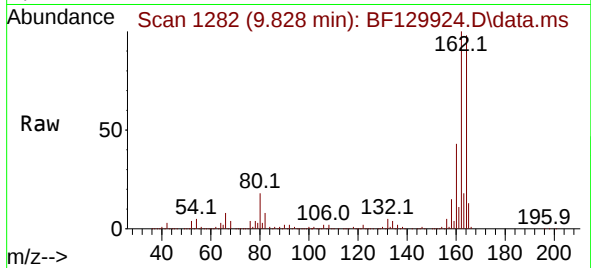
141 92.1 73.5 110.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1128
Delta R.T. 0.000 min
Lab File: BF129924.D
Acq: 19 Aug 2022 23:09

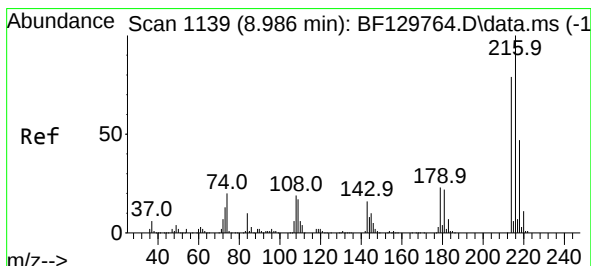
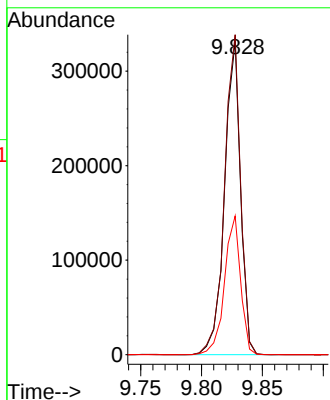
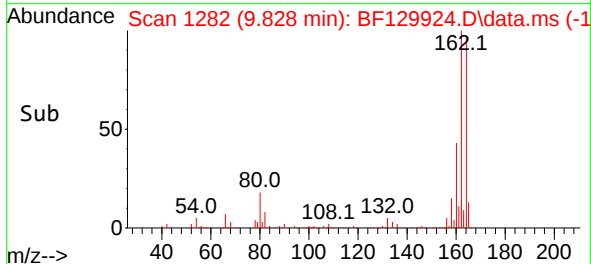
Instrument :
BNA_F
ClientSampleId :
BLDG-4-BASEMENT-DRUMMSD



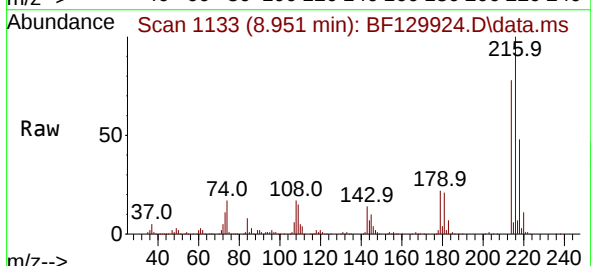
Tgt Ion:164 Resp: 303095
Ion Ratio Lower Upper
164 100
162 102.1 82.0 123.0
160 44.3 35.4 53.0

Manual Integrations
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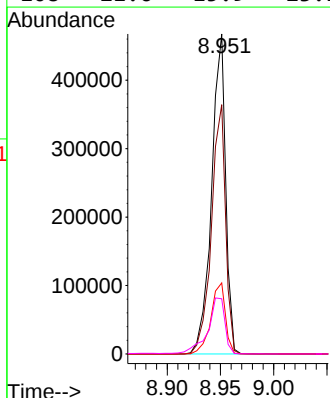
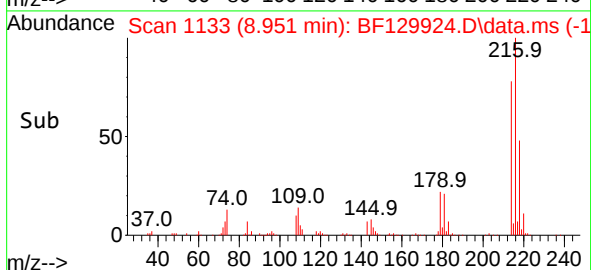
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.766 ng
RT: 8.951 min Scan# 1133
Delta R.T. 0.000 min
Lab File: BF129924.D
Acq: 19 Aug 2022 23:09



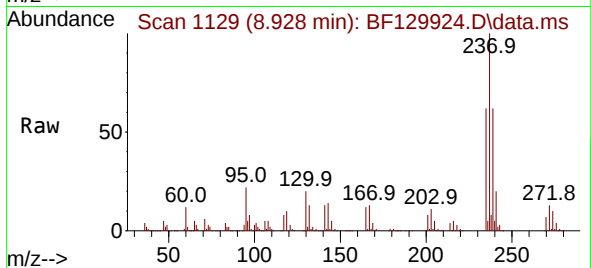
Tgt Ion:216 Resp: 427961
Ion Ratio Lower Upper
216 100
214 78.6 63.1 94.7
179 22.9 18.1 27.1
108 21.6 15.9 23.9





#41
Hexachlorocyclopentadiene
Concen: 92.424 ng
RT: 8.928 min Scan# 1129
Delta R.T. 0.000 min
Lab File: BF129924.D
Acq: 19 Aug 2022 23:09

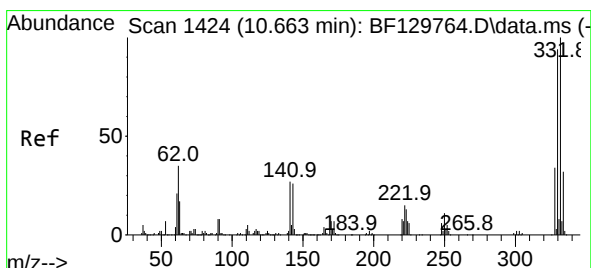
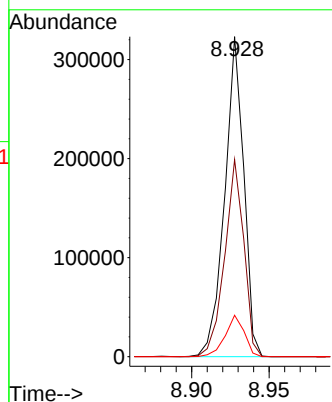
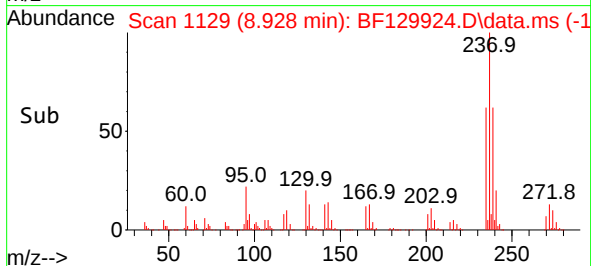
Instrument :
BNA_F
ClientSampleId :
BLDG-4-BASEMENT-DRUMMSD



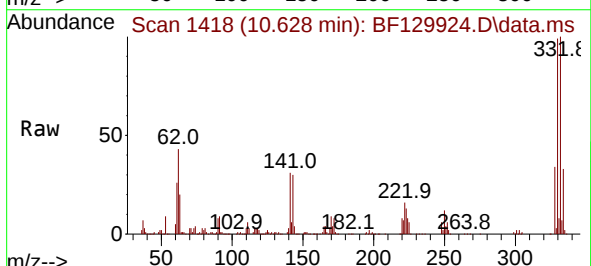
Tgt Ion:237 Resp: 276634
Ion Ratio Lower Upper
237 100
235 61.6 41.5 81.5
272 13.0 0.0 33.3

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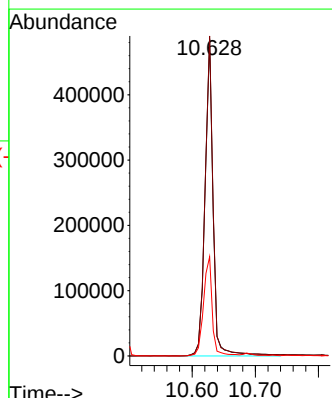
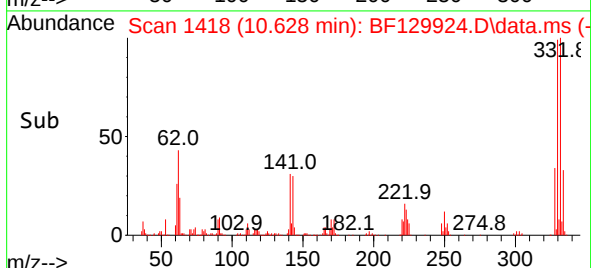
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

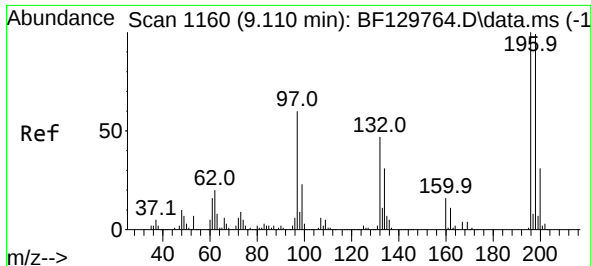


#42
2,4,6-Tribromophenol
Concen: 143.223 ng
RT: 10.628 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF129924.D
Acq: 19 Aug 2022 23:09



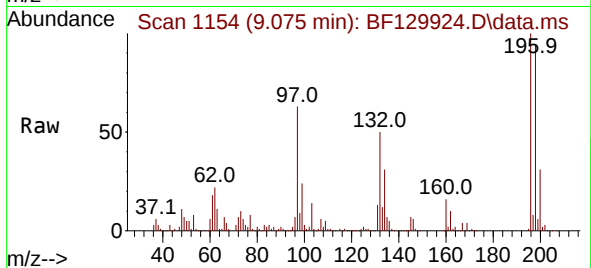
Tgt Ion:330 Resp: 435685
Ion Ratio Lower Upper
330 100
332 102.4 82.6 124.0
141 33.7 27.6 41.4





#43
2,4,6-Trichlorophenol
Concen: 51.522 ng
RT: 9.075 min Scan# 1160
Delta R.T. 0.006 min
Lab File: BF129924.D
Acq: 19 Aug 2022 23:09

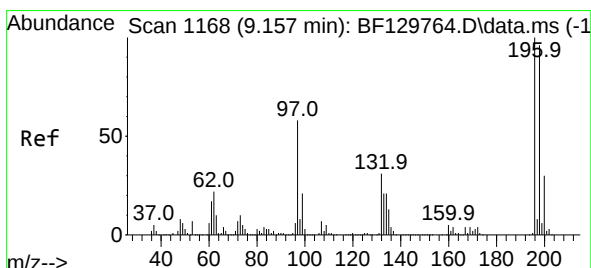
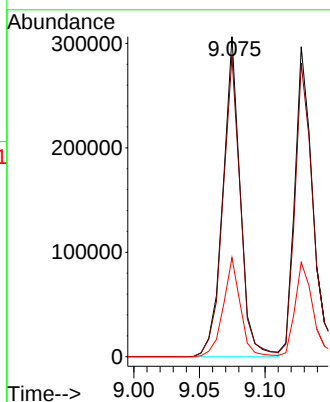
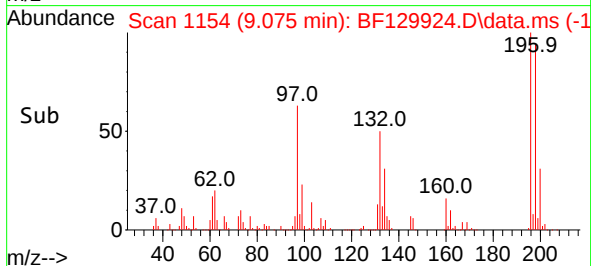
Instrument :
BNA_F
ClientSampleId :
BLDG-4-BASEMENT-DRUMMSD



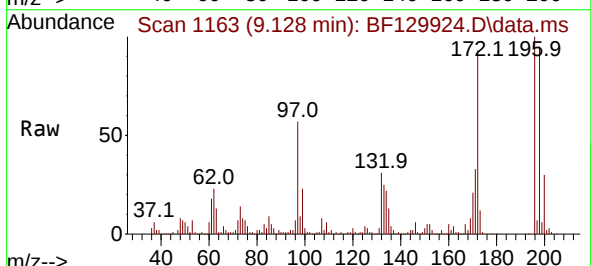
Tgt Ion:196 Resp: 282197
Ion Ratio Lower Upper
196 100
198 93.8 79.0 118.4
200 30.9 25.1 37.7

Manual Integrations
APPROVED

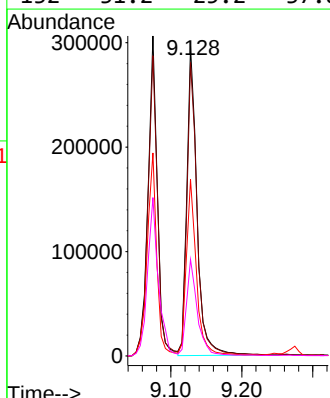
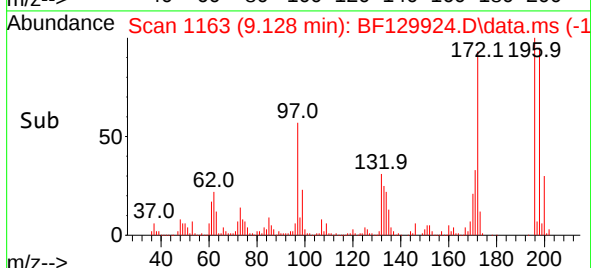
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

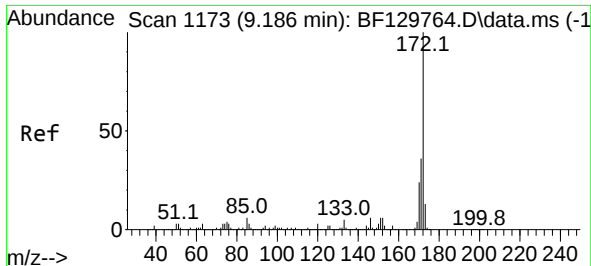


#44
2,4,5-Trichlorophenol
Concen: 49.853 ng
RT: 9.128 min Scan# 1163
Delta R.T. 0.006 min
Lab File: BF129924.D
Acq: 19 Aug 2022 23:09



Tgt Ion:196 Resp: 293772
Ion Ratio Lower Upper
196 100
198 94.7 76.4 114.6
97 57.0 46.5 69.7
132 31.2 25.2 37.8





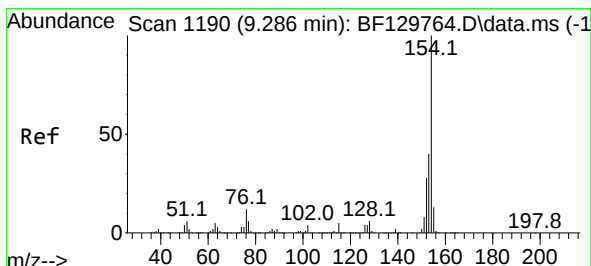
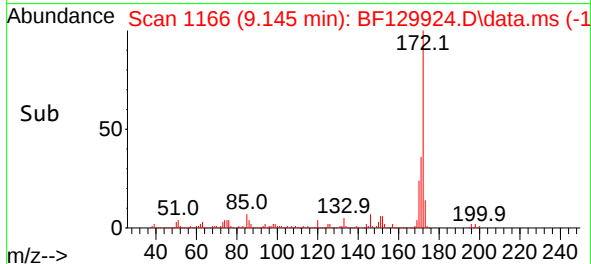
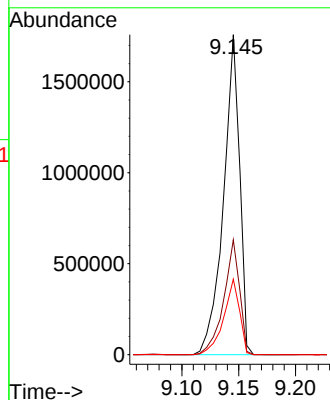
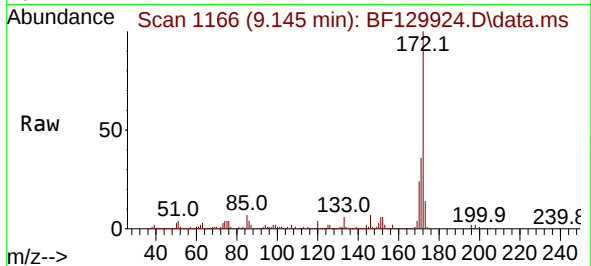
#45
2-Fluorobiphenyl
Concen: 87.067 ng
RT: 9.145 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF129924.D
Acq: 19 Aug 2022 23:09

Instrument :
BNA_F
ClientSampleId :
BLDG-4-BASEMENT-DRUMMSD

Tgt Ion:172 Resp: 173751
Ion Ratio Lower Upper
172 100
171 35.9 28.4 42.6
170 23.6 19.1 28.7

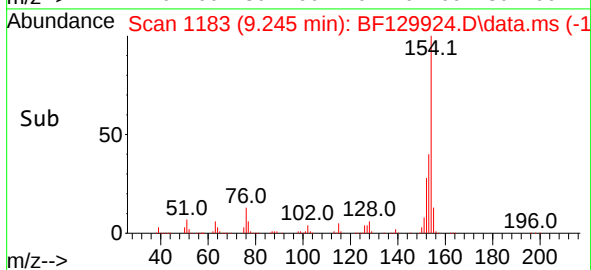
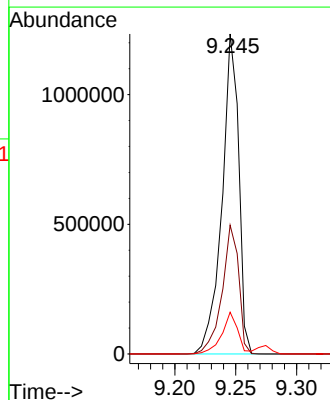
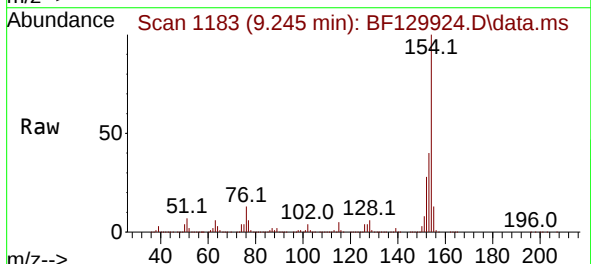
Manual Integrations
APPROVED

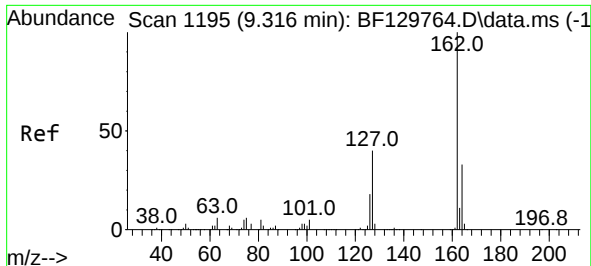
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#46
1,1'-Biphenyl
Concen: 51.289 ng
RT: 9.245 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF129924.D
Acq: 19 Aug 2022 23:09

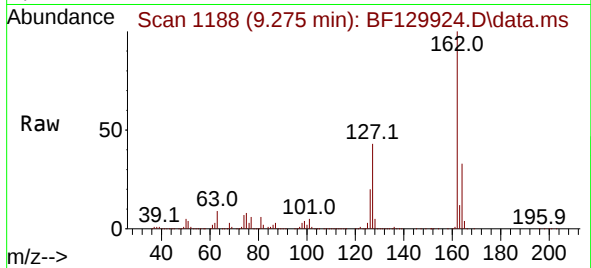
Tgt Ion:154 Resp: 1180977
Ion Ratio Lower Upper
154 100
153 40.2 20.2 60.2
76 13.1 0.0 32.1





#47
2-Chloronaphthalene
Concen: 50.016 ng
RT: 9.275 min Scan# 1195
Delta R.T. 0.000 min
Lab File: BF129924.D
Acq: 19 Aug 2022 23:09

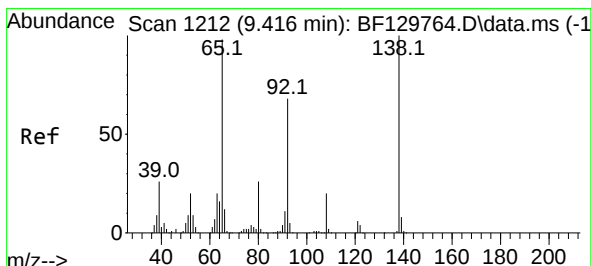
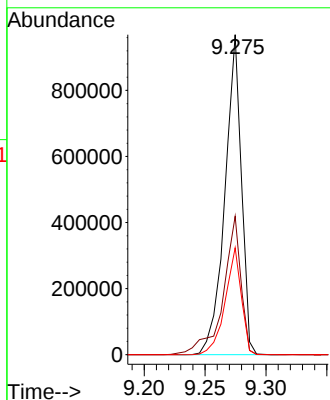
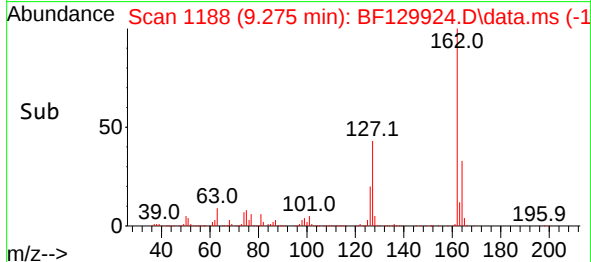
Instrument :
BNA_F
ClientSampleId :
BLDG-4-BASEMENT-DRUMMSD



Tgt Ion:162 Resp: 911229
Ion Ratio Lower Upper
162 100
127 43.3 33.1 49.7
164 33.4 26.7 40.1

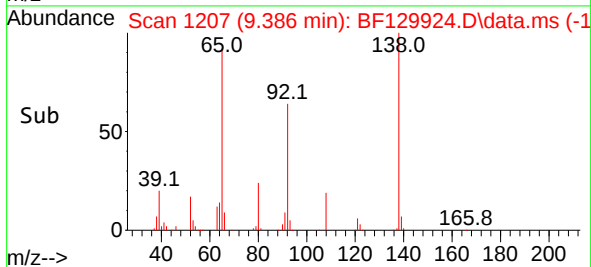
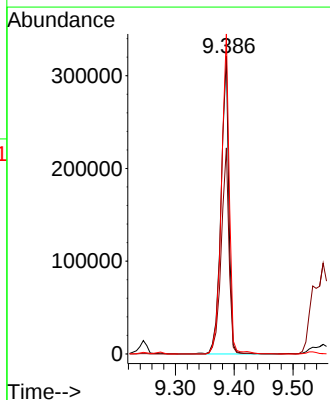
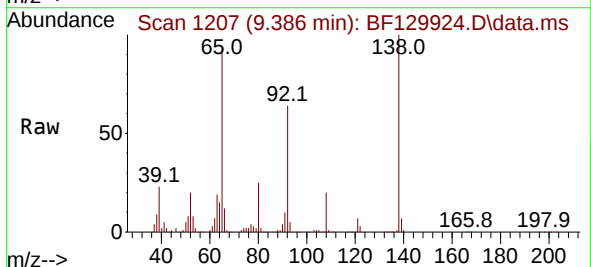
Manual Integrations
APPROVED

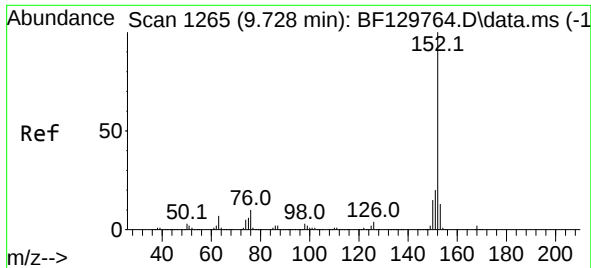
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#48
2-Nitroaniline
Concen: 51.665 ng
RT: 9.386 min Scan# 1207
Delta R.T. 0.006 min
Lab File: BF129924.D
Acq: 19 Aug 2022 23:09

Tgt Ion: 65 Resp: 297463
Ion Ratio Lower Upper
65 100
92 69.2 55.0 82.4
138 107.5 81.3 121.9





#49

Acenaphthylene

Concen: 49.817 ng

RT: 9.692 min Scan# 1259

Delta R.T. 0.006 min

Lab File: BF129924.D

Acq: 19 Aug 2022 23:09

Instrument :

BNA_F

ClientSampleId :

BLDG-4-BASEMENT-DRUMMSD

Tgt Ion:152 Resp: 1376300

Ion Ratio Lower Upper

152 100

151 20.0 16.1 24.1

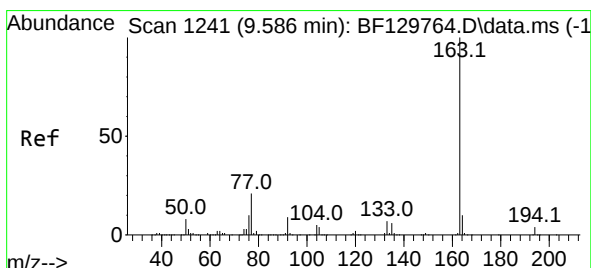
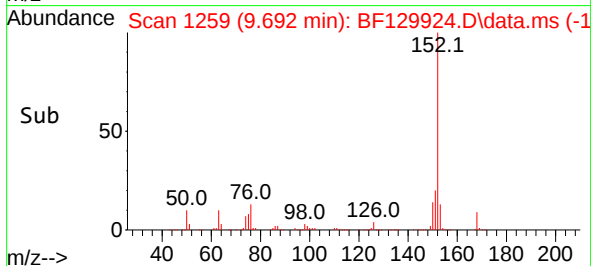
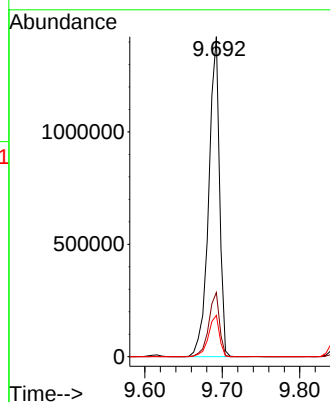
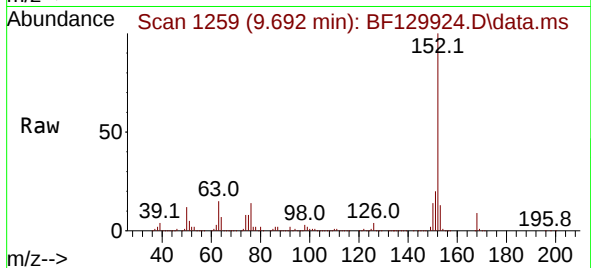
153 12.9 10.6 16.0

Manual Integrations

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Reviewed By :Christian Giraldo 08/22/2022

Supervised By :Jagrut Upadhyay 08/22/2022



#50

Dimethylphthalate

Concen: 51.668 ng

RT: 9.551 min Scan# 1235

Delta R.T. 0.000 min

Lab File: BF129924.D

Acq: 19 Aug 2022 23:09

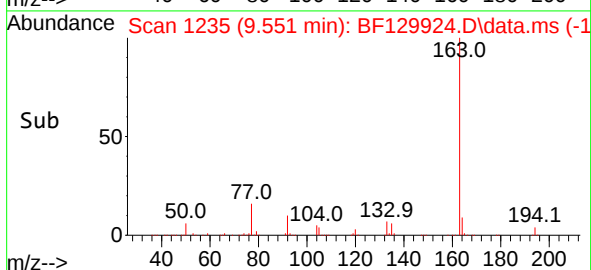
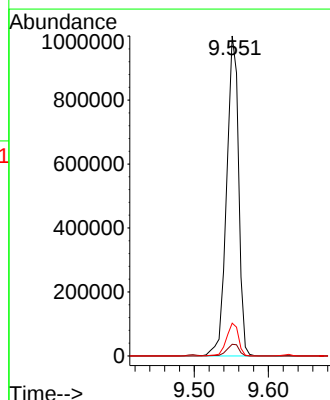
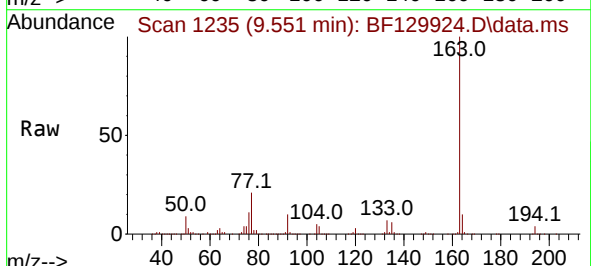
Tgt Ion:163 Resp: 1122622

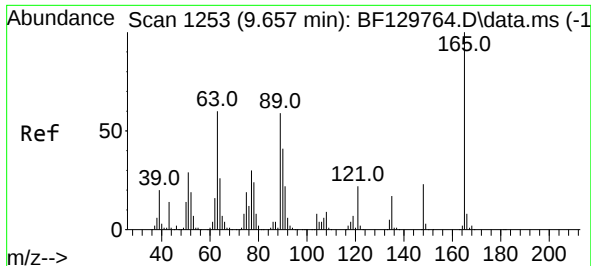
Ion Ratio Lower Upper

163 100

194 3.6 3.3 4.9

164 10.2 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 51.833 ng

RT: 9.628 min Scan# 1248

Delta R.T. 0.006 min

Lab File: BF129924.D

Acq: 19 Aug 2022 23:09

Instrument :

BNA_F

ClientSampleId :

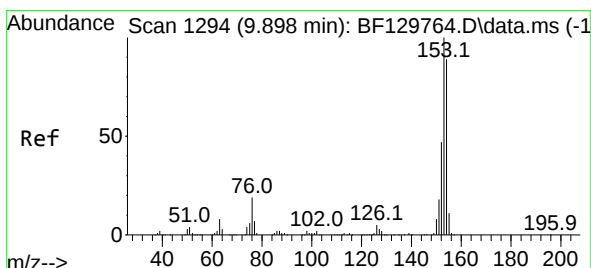
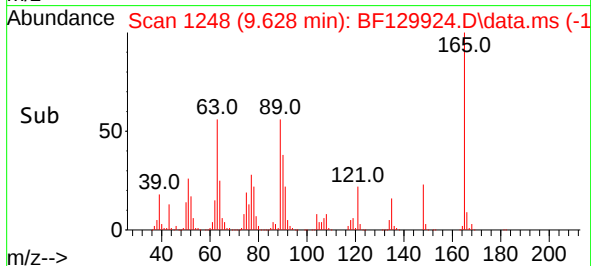
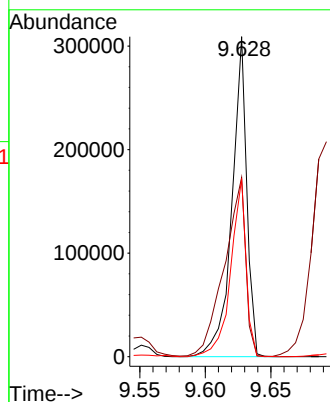
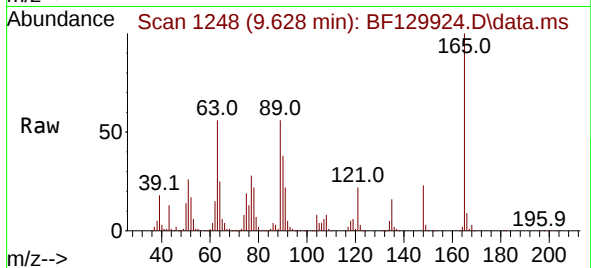
BLDG-4-BASEMENT-DRUMMSD

Tgt Ion:165 Resp: 244302
 Ion Ratio Lower Upper
 165 100
 63 56.0 47.8 71.8
 89 55.6 47.2 70.8

Manual Integrations

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Reviewed By :Christian Giraldo 08/22/2022
 Supervised By :Jagrut Upadhyay 08/22/2022



#52

Acenaphthene

Concen: 50.010 ng

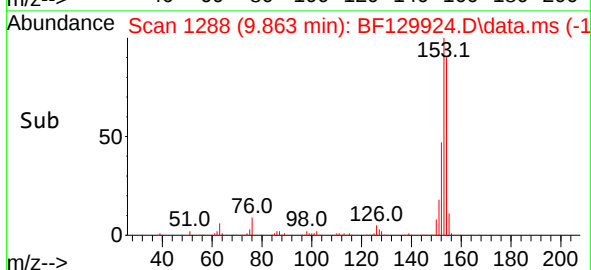
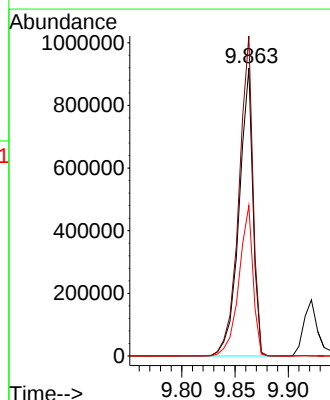
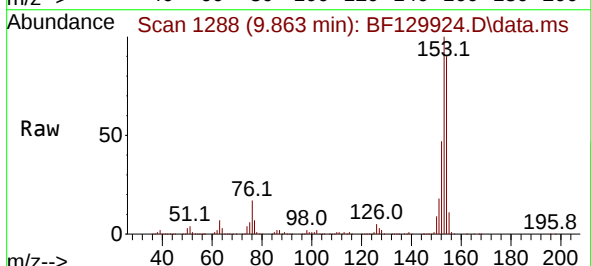
RT: 9.863 min Scan# 1288

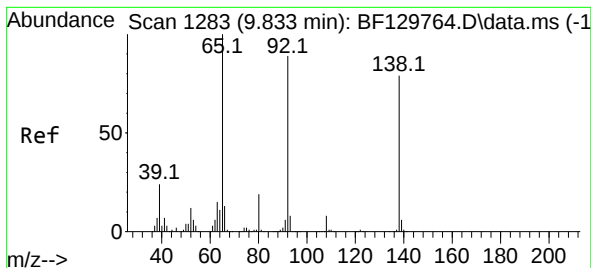
Delta R.T. 0.006 min

Lab File: BF129924.D

Acq: 19 Aug 2022 23:09

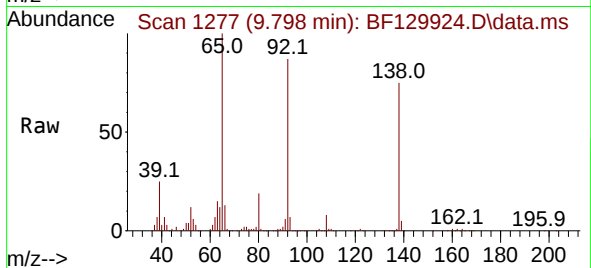
Tgt Ion:154 Resp: 838246
 Ion Ratio Lower Upper
 154 100
 153 111.2 89.8 134.6
 152 52.2 42.1 63.1





#53
3-Nitroaniline
Concen: 28.236 ng
RT: 9.798 min Scan# 1277
Delta R.T. 0.006 min
Lab File: BF129924.D
Acq: 19 Aug 2022 23:09

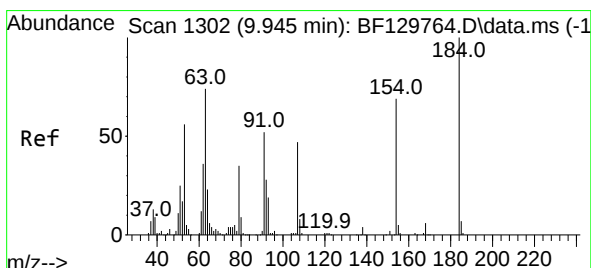
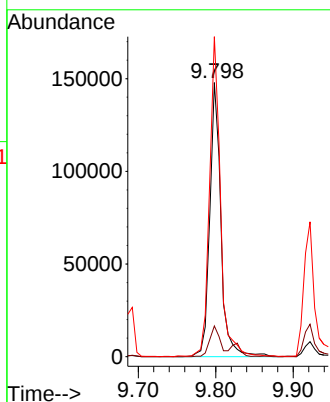
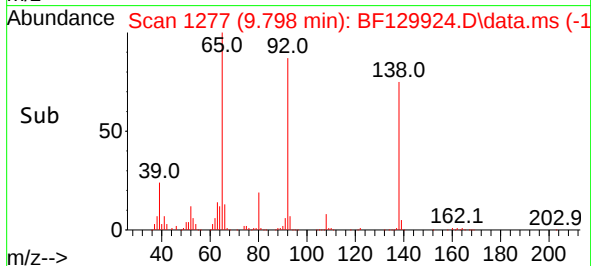
Instrument :
BNA_F
ClientSampleId :
BLDG-4-BASEMENT-DRUMMSD



Tgt Ion:138 Resp: 147170
Ion Ratio Lower Upper
138 100
108 11.2 8.4 12.6
92 116.7 89.8 134.8

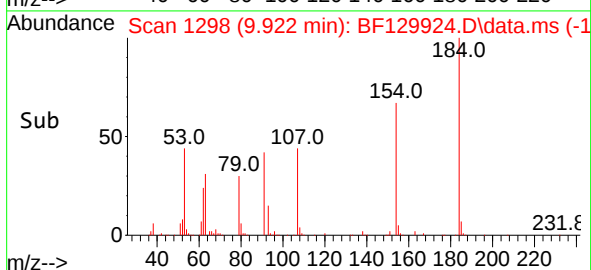
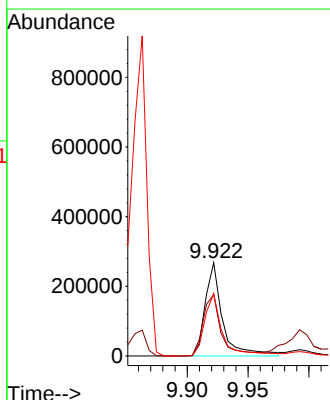
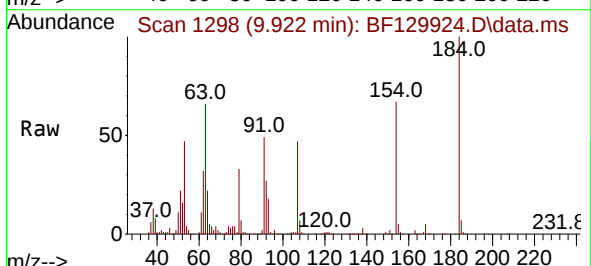
Manual Integrations
APPROVED

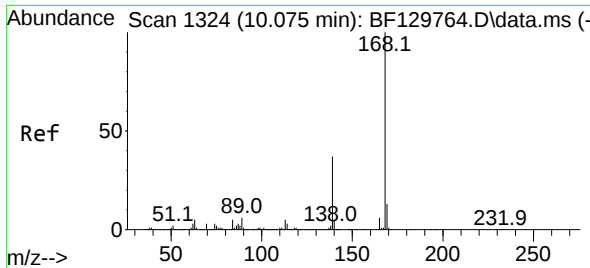
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#54
2,4-Dinitrophenol
Concen: 121.839 ng
RT: 9.922 min Scan# 1298
Delta R.T. 0.006 min
Lab File: BF129924.D
Acq: 19 Aug 2022 23:09

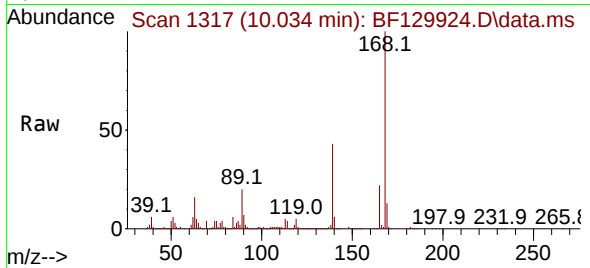
Tgt Ion:184 Resp: 266182
Ion Ratio Lower Upper
184 100
63 65.8 59.6 89.4
154 66.8 55.3 82.9





#55
Dibenzofuran
Concen: 49.819 ng
RT: 10.034 min Scan# 1317
Delta R.T. 0.000 min
Lab File: BF129924.D
Acq: 19 Aug 2022 23:09

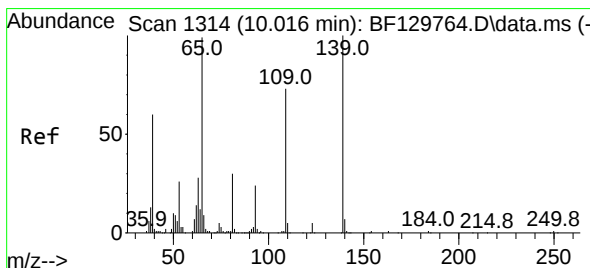
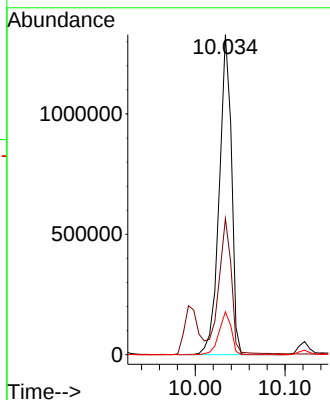
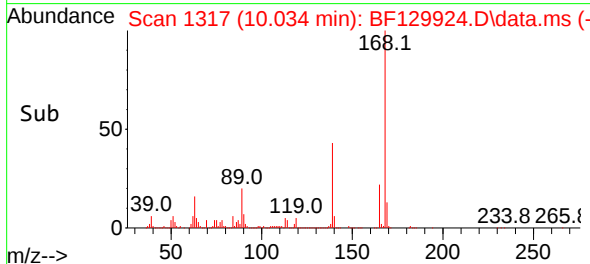
Instrument :
BNA_F
ClientSampleId :
BLDG-4-BASEMENT-DRUMMSD



Tgt Ion:168 Resp: 1254518
Ion Ratio Lower Upper
168 100
139 42.5 31.3 46.9
169 13.4 10.7 16.1

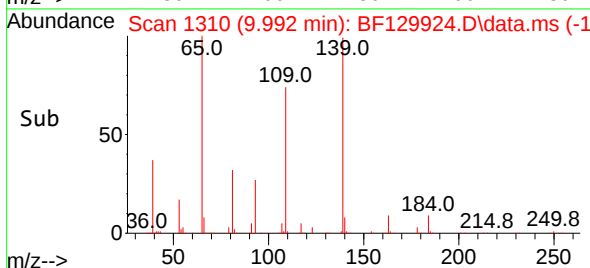
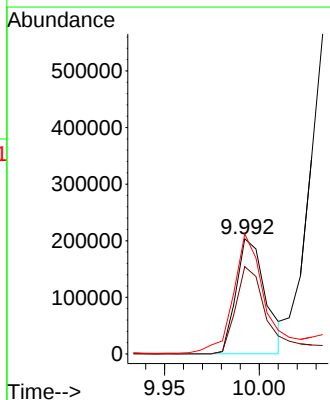
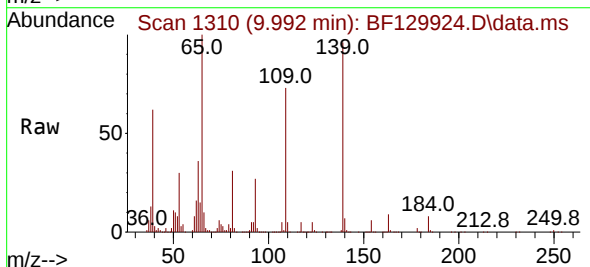
Manual Integrations
APPROVED

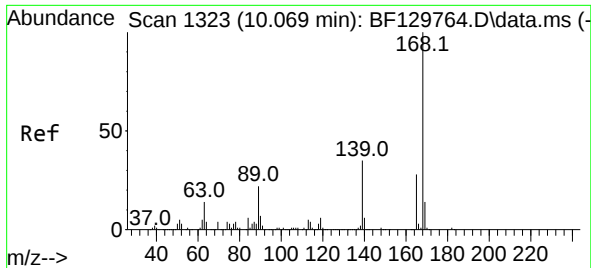
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#56
4-Nitrophenol
Concen: 94.553 ng
RT: 9.992 min Scan# 1310
Delta R.T. 0.006 min
Lab File: BF129924.D
Acq: 19 Aug 2022 23:09

Tgt Ion:139 Resp: 219256
Ion Ratio Lower Upper
139 100
109 75.8 52.9 92.9
65 104.2 79.5 119.5





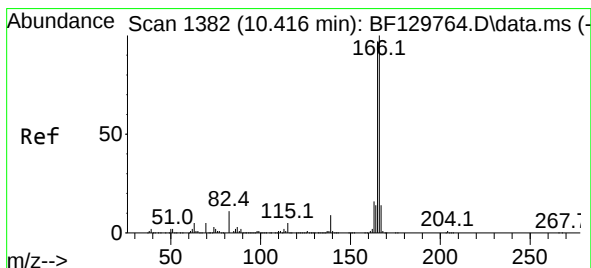
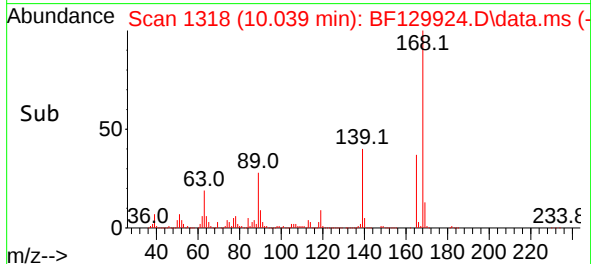
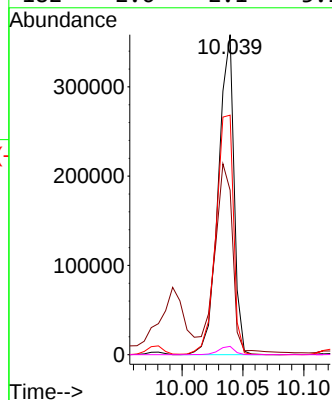
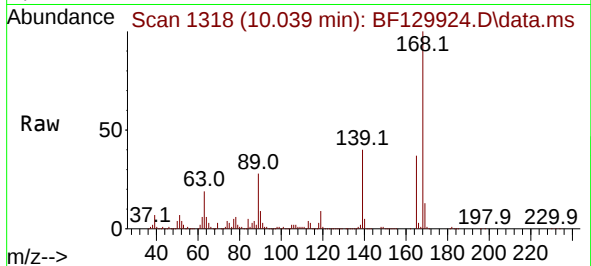
#57
2,4-Dinitrotoluene
Concen: 52.485 ng
RT: 10.039 min Scan# 1318
Delta R.T. 0.006 min
Lab File: BF129924.D
Acq: 19 Aug 2022 23:09

Instrument :
BNA_F
ClientSampleId :
BLDG-4-BASEMENT-DRUMMSD

Tgt Ion:165 Resp: 321129
Ion Ratio Lower Upper
165 100
63 51.4 48.4 72.6
89 74.9 62.3 93.5
182 2.6 2.1 3.1

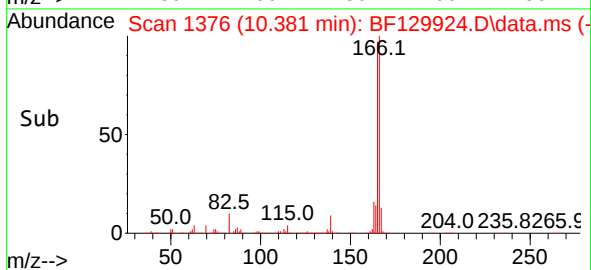
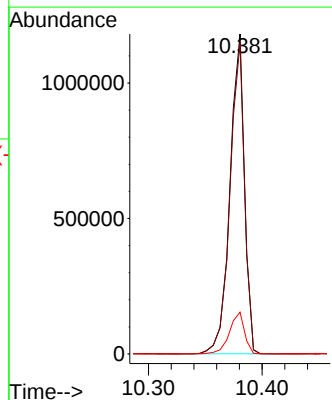
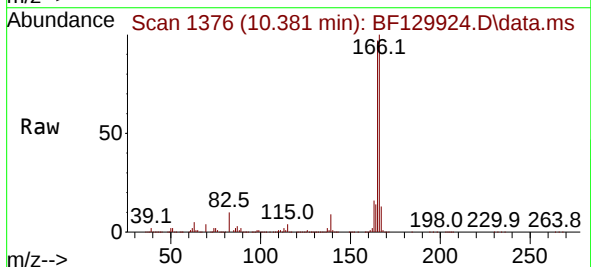
Manual Integrations
APPROVED

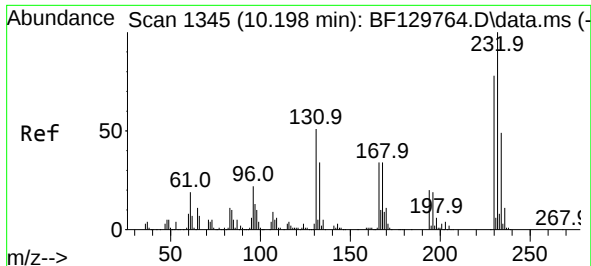
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#58
Fluorene
Concen: 49.735 ng
RT: 10.381 min Scan# 1376
Delta R.T. 0.006 min
Lab File: BF129924.D
Acq: 19 Aug 2022 23:09

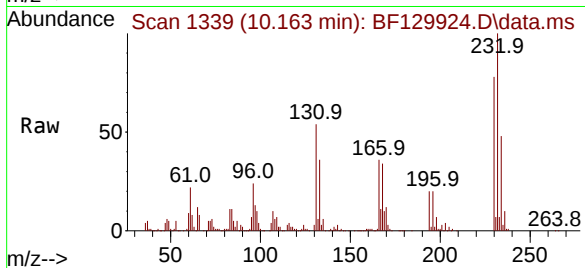
Tgt Ion:166 Resp: 1045722
Ion Ratio Lower Upper
166 100
165 97.1 77.9 116.9
167 13.0 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 55.937 ng
RT: 10.163 min Scan# 1339
Delta R.T. 0.000 min
Lab File: BF129924.D
Acq: 19 Aug 2022 23:09

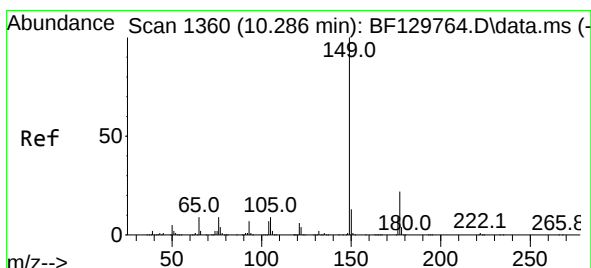
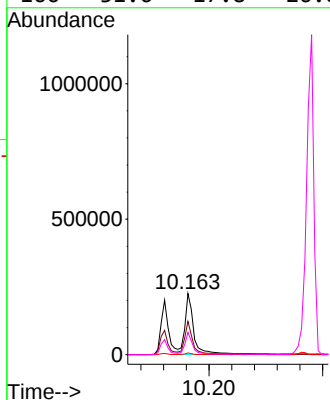
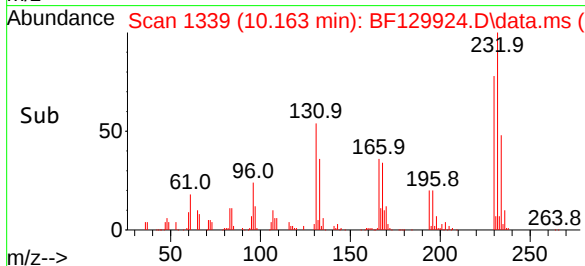
Instrument :
BNA_F
ClientSampleId :
BLDG-4-BASEMENT-DRUMMSD



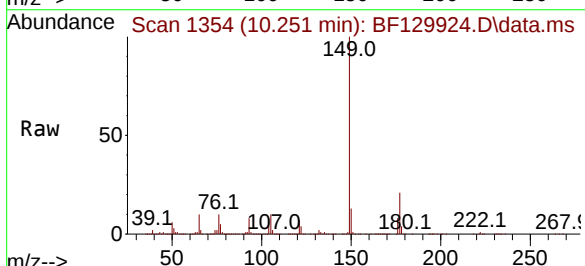
Tgt Ion:232 Resp: 24189
Ion Ratio Lower Upper
232 100
131 46.7 29.9 44.9
130 2.2 1.5 2.3
166 31.6 17.8 26.8#

Manual Integrations
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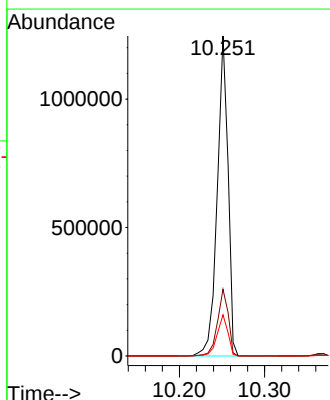
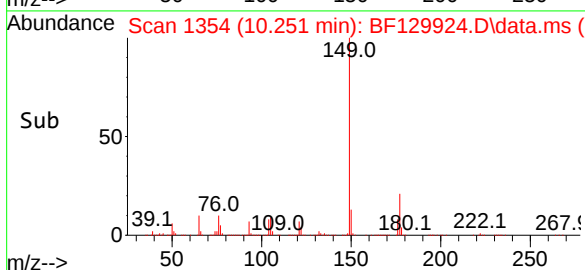
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

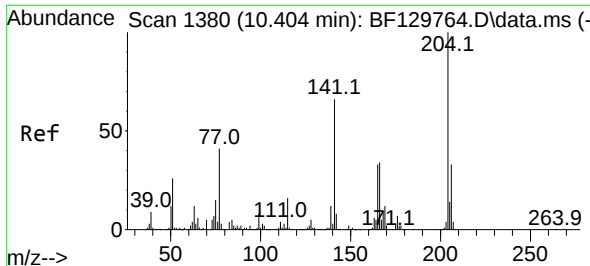


#60
Diethylphthalate
Concen: 50.420 ng
RT: 10.251 min Scan# 1354
Delta R.T. 0.006 min
Lab File: BF129924.D
Acq: 19 Aug 2022 23:09



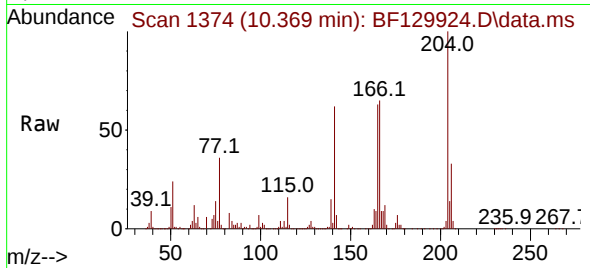
Tgt Ion:149 Resp: 1092348
Ion Ratio Lower Upper
149 100
177 20.9 17.7 26.5
150 12.9 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 51.015 ng
RT: 10.369 min Scan# 1374
Delta R.T. 0.006 min
Lab File: BF129924.D
Acq: 19 Aug 2022 23:09

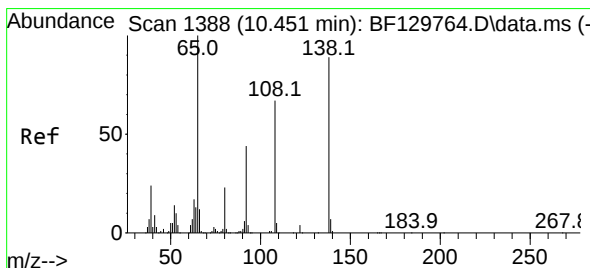
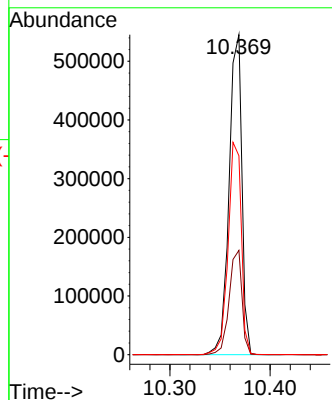
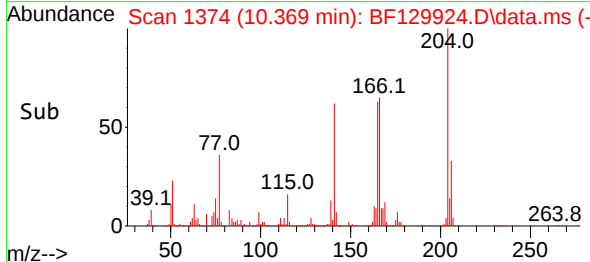
Instrument :
BNA_F
ClientSampleId :
BLDG-4-BASEMENT-DRUMMSD



Tgt Ion:204 Resp: 481354
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 62.2 52.6 79.0

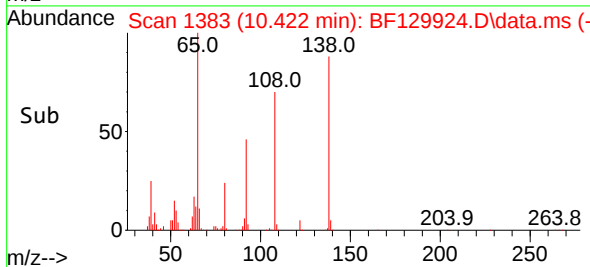
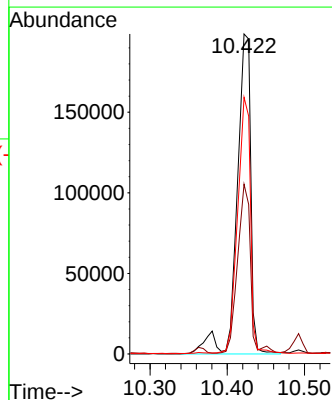
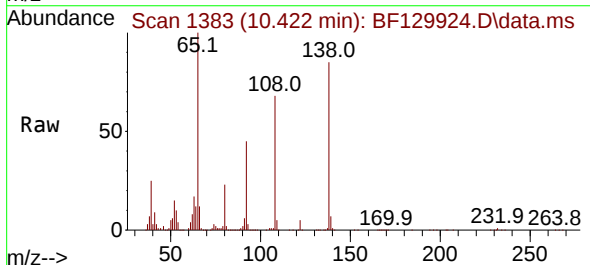
Manual Integrations
APPROVED

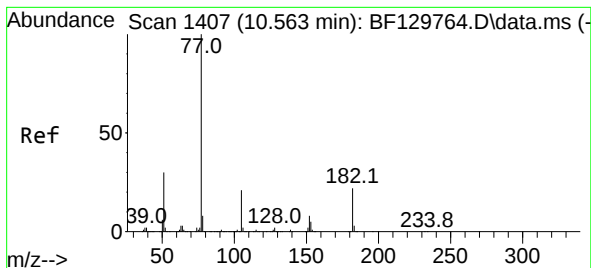
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#62
4-Nitroaniline
Concen: 46.748 ng m
RT: 10.422 min Scan# 1383
Delta R.T. 0.012 min
Lab File: BF129924.D
Acq: 19 Aug 2022 23:09

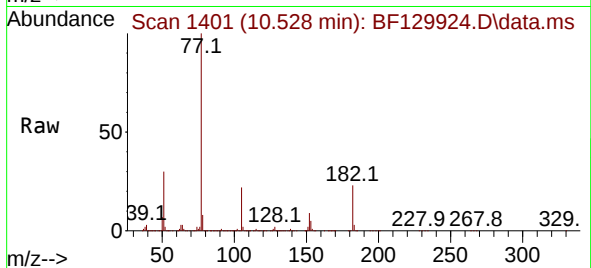
Tgt Ion:138 Resp: 245822
Ion Ratio Lower Upper
138 100
92 53.0 30.3 70.3
108 80.2 55.7 95.7





#63
Azobenzene
Concen: 49.652 ng
RT: 10.528 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF129924.D
Acq: 19 Aug 2022 23:09

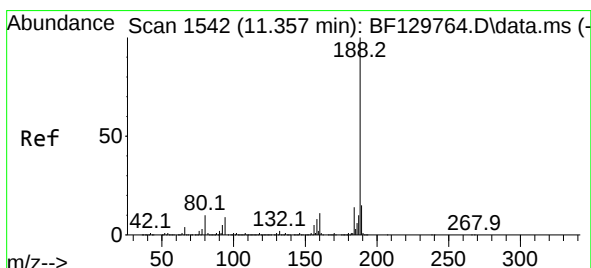
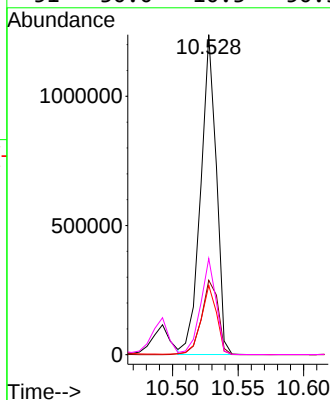
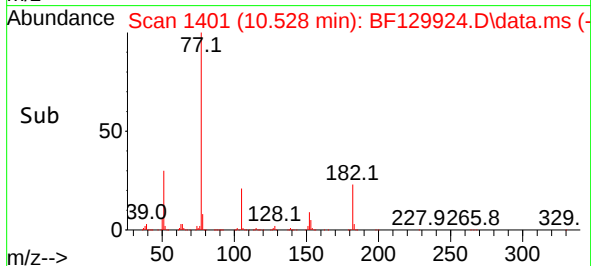
Instrument :
BNA_F
ClientSampleId :
BLDG-4-BASEMENT-DRUMMSD



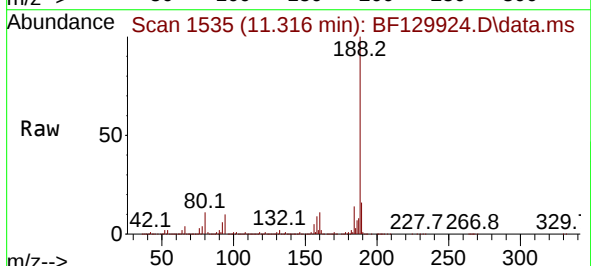
Tgt Ion: 77 Resp: 1028208
Ion Ratio Lower Upper
77 100
182 23.2 2.2 42.2
105 21.7 0.8 40.8
51 30.0 10.3 50.3

Manual Integrations
APPROVED

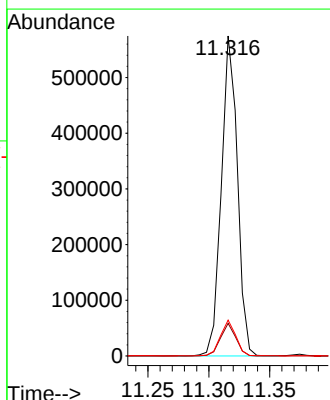
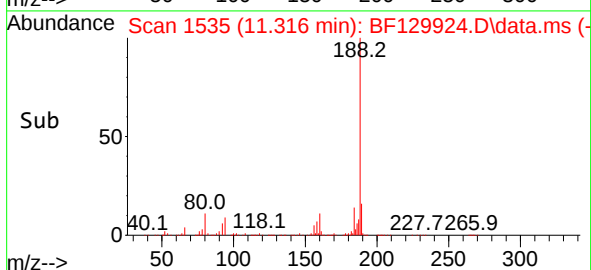
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1535
Delta R.T. 0.000 min
Lab File: BF129924.D
Acq: 19 Aug 2022 23:09



Tgt Ion:188 Resp: 527933
Ion Ratio Lower Upper
188 100
94 10.2 7.4 11.2
80 11.2 7.9 11.9





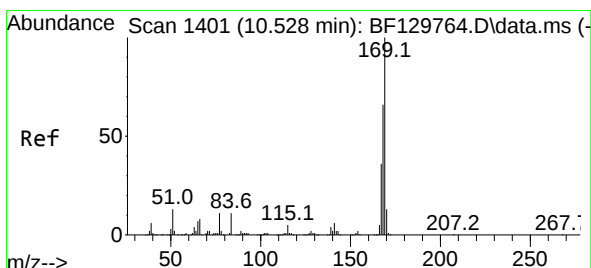
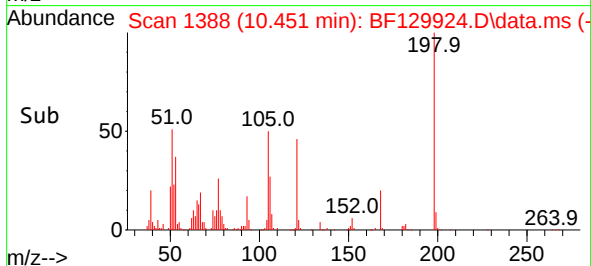
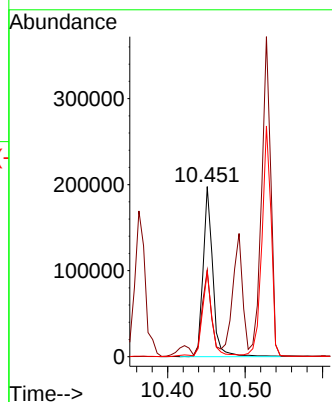
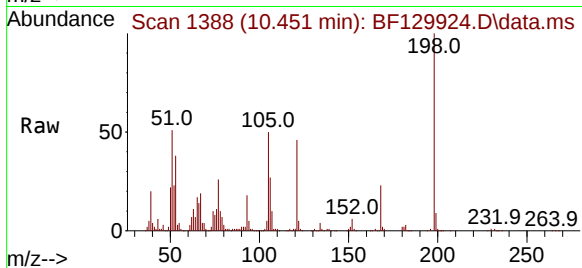
#65
4,6-Dinitro-2-methylphenol
Concen: 55.420 ng
RT: 10.451 min Scan# 1388
Delta R.T. 0.006 min
Lab File: BF129924.D
Acq: 19 Aug 2022 23:09

Instrument :
BNA_F
ClientSampleId :
BLDG-4-BASEMENT-DRUMMSD

Tgt Ion:198 Resp: 17176
Ion Ratio Lower Upper
198 100
51 50.9 29.4 69.4
105 50.0 29.2 69.2

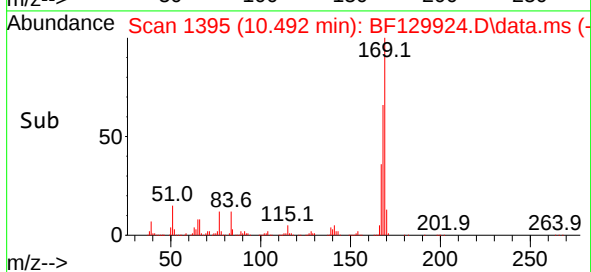
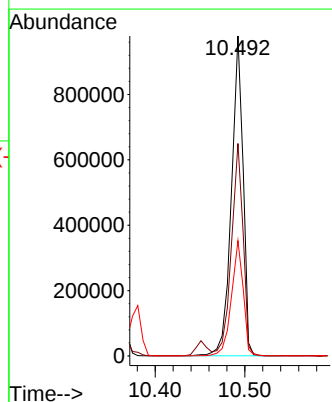
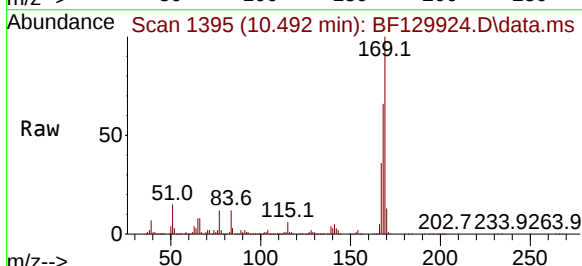
Manual Integrations
APPROVED

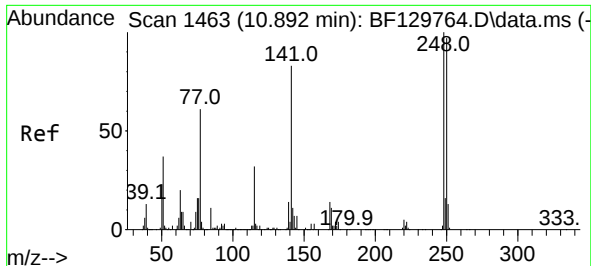
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#66
n-Nitrosodiphenylamine
Concen: 49.600 ng
RT: 10.492 min Scan# 1395
Delta R.T. 0.006 min
Lab File: BF129924.D
Acq: 19 Aug 2022 23:09

Tgt Ion:169 Resp: 883823
Ion Ratio Lower Upper
169 100
168 66.4 53.4 80.2
167 36.1 29.1 43.7





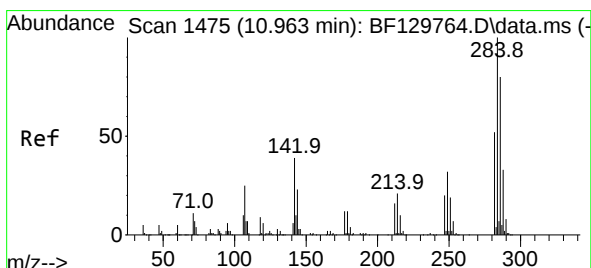
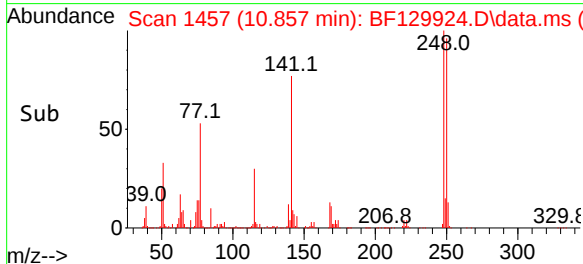
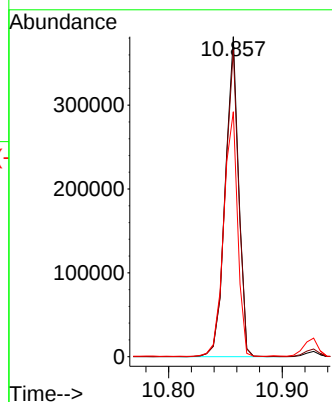
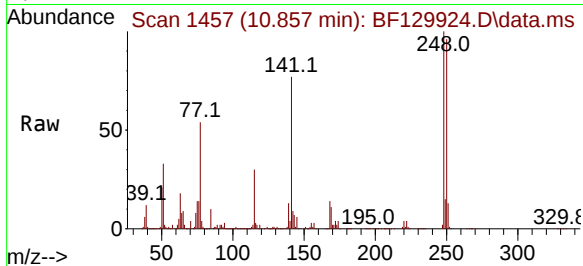
#67
4-Bromophenyl-phenylether
Concen: 50.608 ng
RT: 10.857 min Scan# 1457
Delta R.T. 0.006 min
Lab File: BF129924.D
Acq: 19 Aug 2022 23:09

Instrument :
BNA_F
ClientSampleId :
BLDG-4-BASEMENT-DRUMMSD

Tgt Ion:248 Resp: 312934
Ion Ratio Lower Upper
248 100
250 95.9 77.8 116.6
141 76.6 66.2 99.2

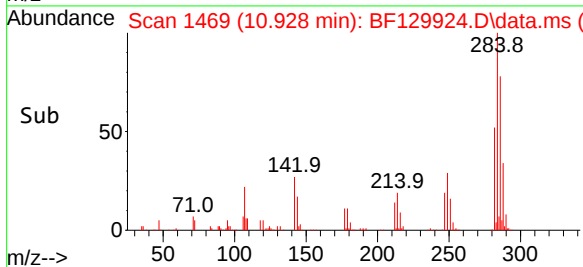
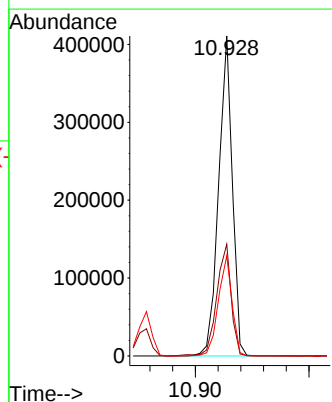
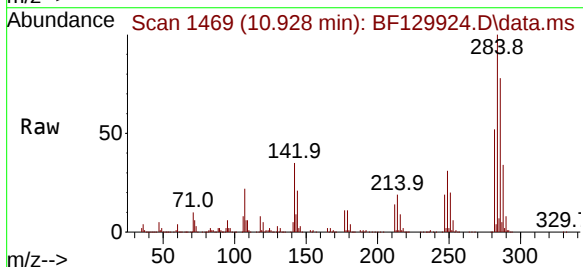
Manual Integrations
APPROVED

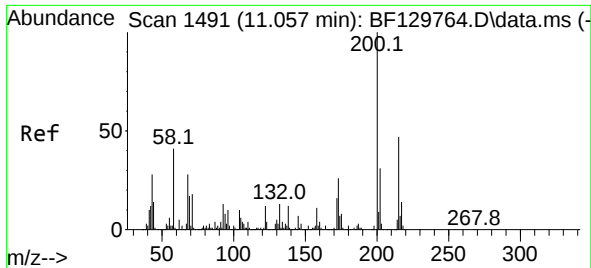
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#68
Hexachlorobenzene
Concen: 51.414 ng
RT: 10.928 min Scan# 1469
Delta R.T. 0.000 min
Lab File: BF129924.D
Acq: 19 Aug 2022 23:09

Tgt Ion:284 Resp: 344376
Ion Ratio Lower Upper
284 100
142 34.9 31.4 47.0
249 31.3 25.7 38.5





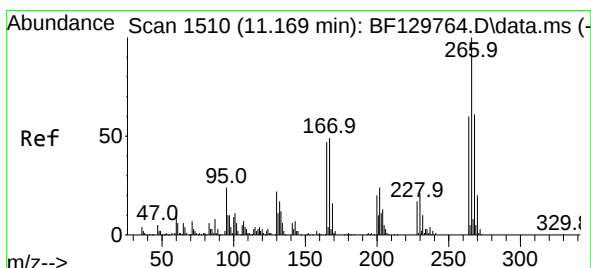
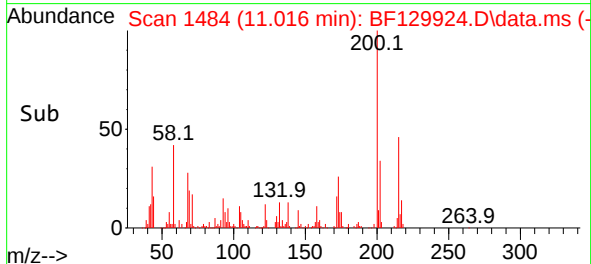
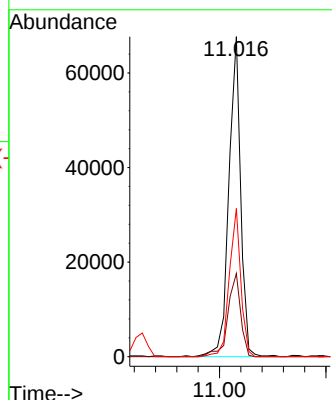
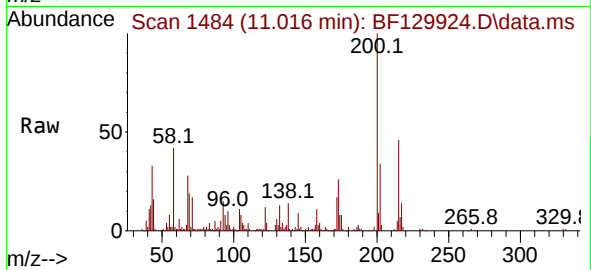
#69
 Atrazine
 Concen: 9.518 ng
 RT: 11.016 min Scan# 1491
 Delta R.T. 0.000 min
 Lab File: BF129924.D
 Acq: 19 Aug 2022 23:09

Instrument :
 BNA_F
 ClientSampleId :
 BLDG-4-BASEMENT-DRUMMSD

Tgt Ion:200 Resp: 5205
 Ion Ratio Lower Upper
 200 100
 173 26.0 6.4 46.4
 215 46.3 27.1 67.1

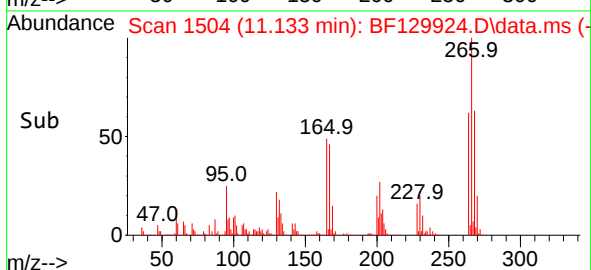
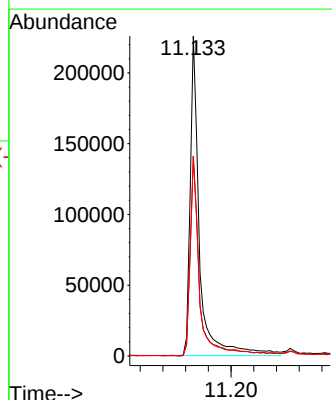
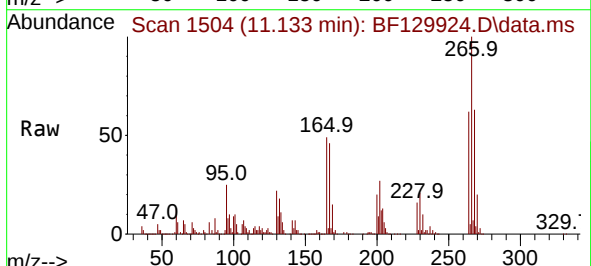
Manual Integrations
 APPROVED

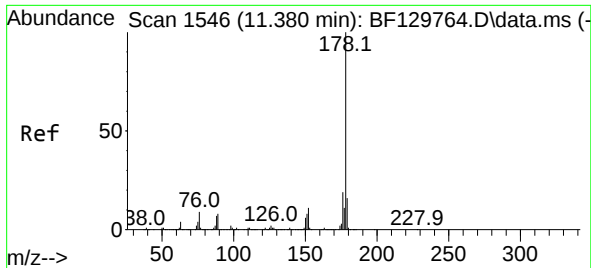
Reviewed By :Christian Giraldo 08/22/2022
 Supervised By :Jagrut Upadhyay 08/22/2022



#70
 Pentachlorophenol
 Concen: 125.250 ng
 RT: 11.133 min Scan# 1504
 Delta R.T. 0.000 min
 Lab File: BF129924.D
 Acq: 19 Aug 2022 23:09

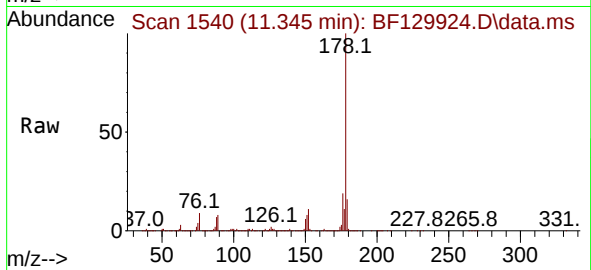
Tgt Ion:266 Resp: 257768
 Ion Ratio Lower Upper
 266 100
 268 62.5 49.0 73.4
 264 62.1 47.9 71.9





#71
Phenanthrene
Concen: 50.033 ng
RT: 11.345 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF129924.D
Acq: 19 Aug 2022 23:09

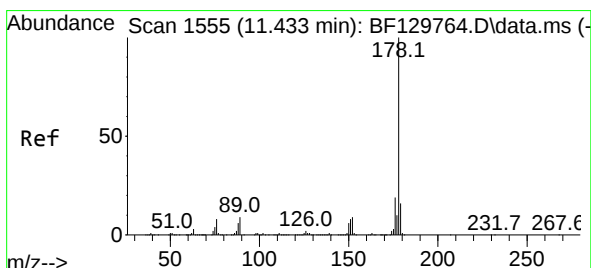
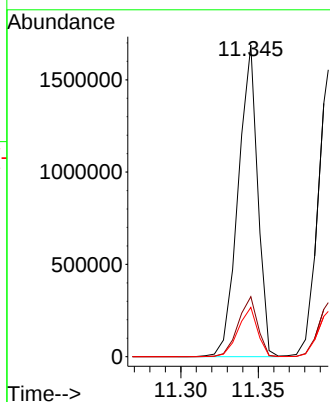
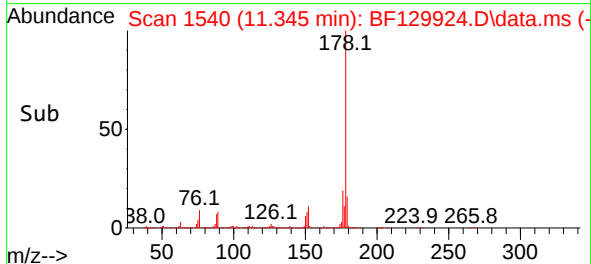
Instrument :
BNA_F
ClientSampleId :
BLDG-4-BASEMENT-DRUMMSD



Tgt Ion:178 Resp: 1475220
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 15.8 12.5 18.7

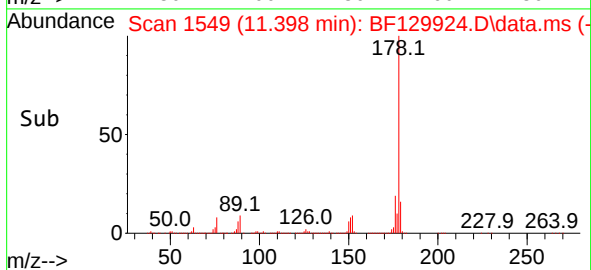
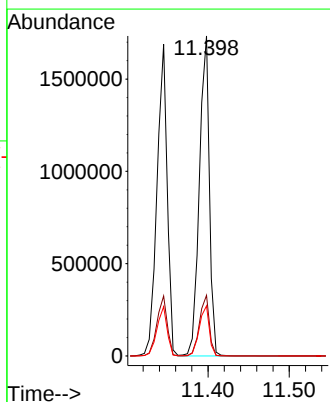
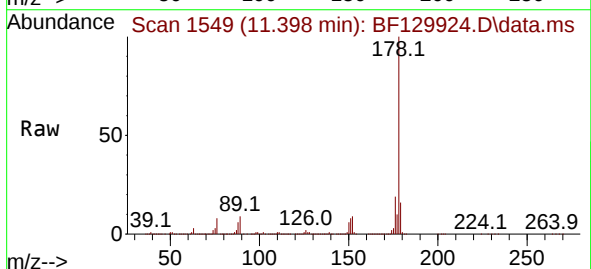
Manual Integrations
APPROVED

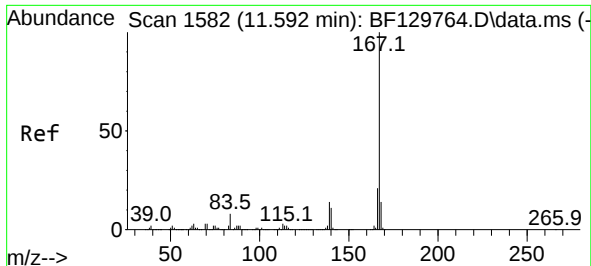
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#72
Anthracene
Concen: 50.708 ng
RT: 11.398 min Scan# 1549
Delta R.T. 0.006 min
Lab File: BF129924.D
Acq: 19 Aug 2022 23:09

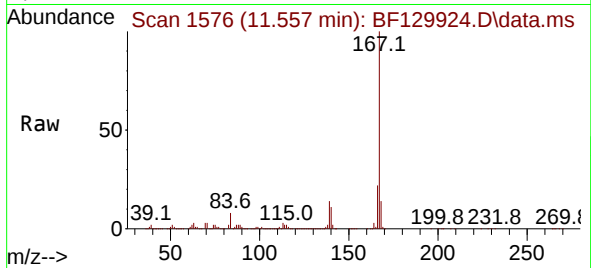
Tgt Ion:178 Resp: 1486818
Ion Ratio Lower Upper
178 100
176 19.0 15.1 22.7
179 15.7 12.6 18.8





#73
 Carbazole
 Concen: 51.806 ng
 RT: 11.557 min Scan# 1157
 Delta R.T. 0.006 min
 Lab File: BF129924.D
 Acq: 19 Aug 2022 23:09

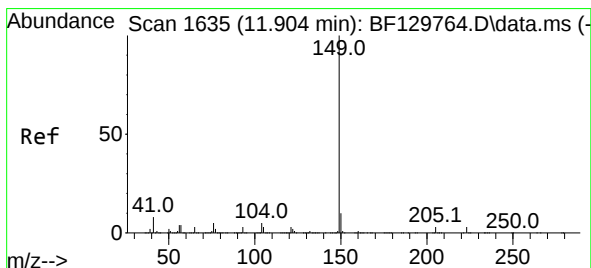
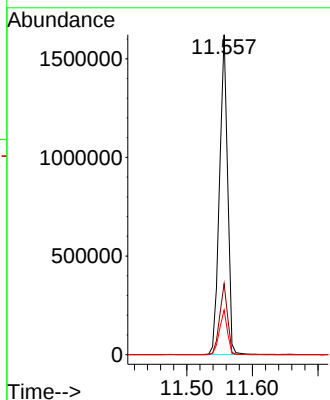
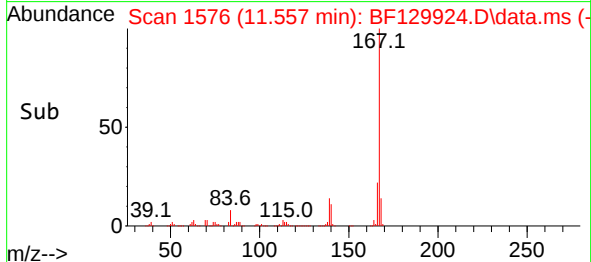
Instrument : BNA_F
 ClientSampleId : BLDG-4-BASEMENT-DRUMMSD



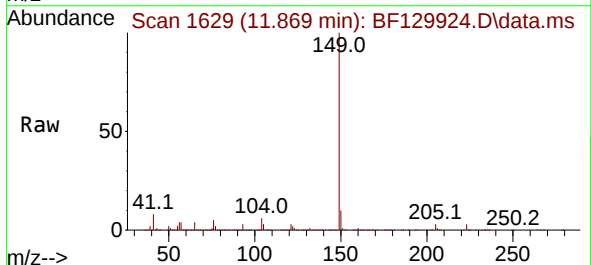
Tgt Ion:167 Resp: 137891
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.1 25.7
 139 14.0 11.0 16.6

Manual Integrations
 APPROVED

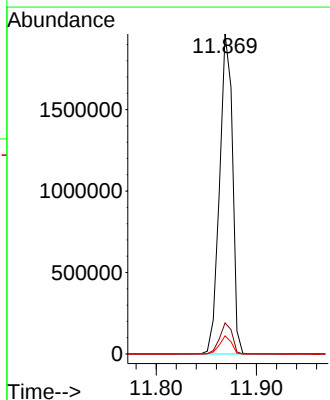
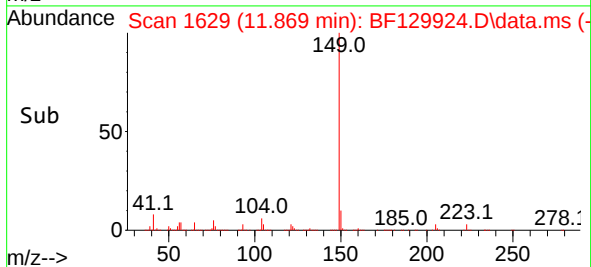
Reviewed By :Christian Giraldo 08/22/2022
 Supervised By :Jagrut Upadhyay 08/22/2022

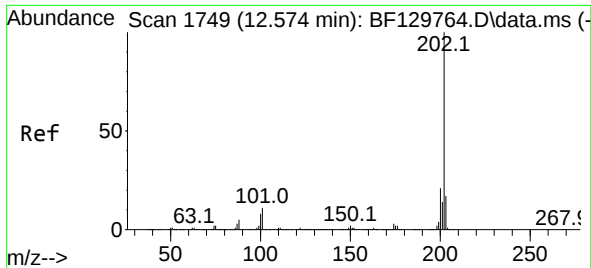


#74
 Di-n-butylphthalate
 Concen: 51.095 ng
 RT: 11.869 min Scan# 1629
 Delta R.T. 0.000 min
 Lab File: BF129924.D
 Acq: 19 Aug 2022 23:09



Tgt Ion:149 Resp: 1750328
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.8 11.6
 104 5.6 4.2 6.4





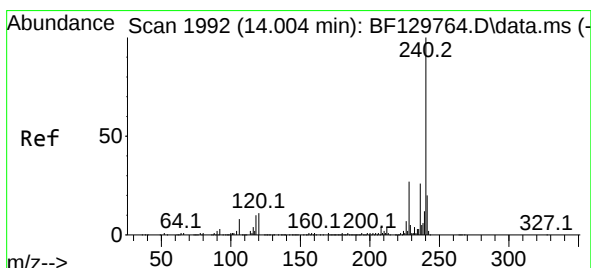
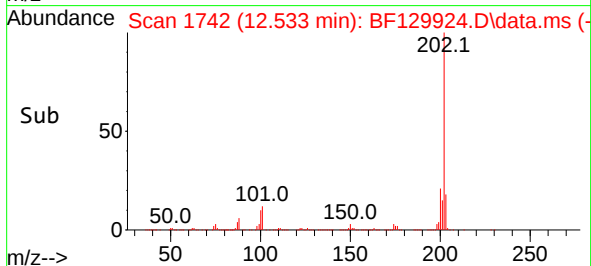
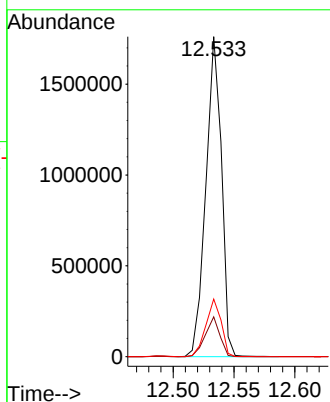
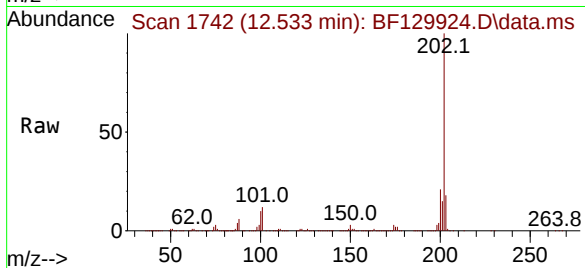
#75
Fluoranthene
Concen: 51.867 ng
RT: 12.533 min Scan# 1742
Delta R.T. 0.000 min
Lab File: BF129924.D
Acq: 19 Aug 2022 23:09

Instrument :
BNA_F
ClientSampleId :
BLDG-4-BASEMENT-DRUMMSD

Tgt Ion:202 Resp: 1564902
Ion Ratio Lower Upper
202 100
101 12.4 0.0 30.7
203 18.0 0.0 37.5

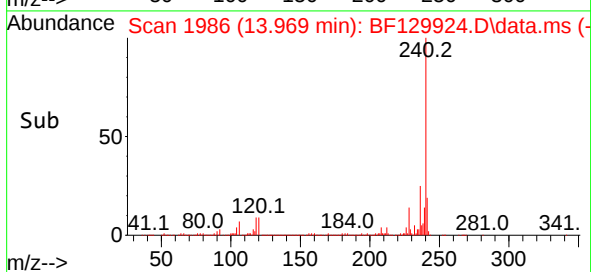
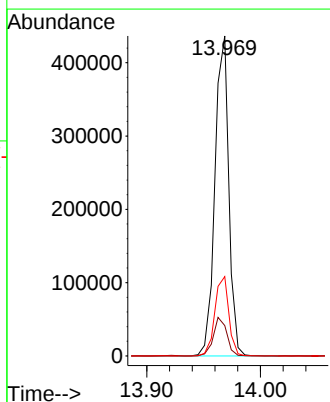
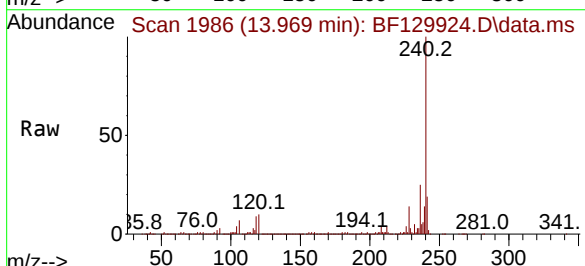
Manual Integrations
APPROVED

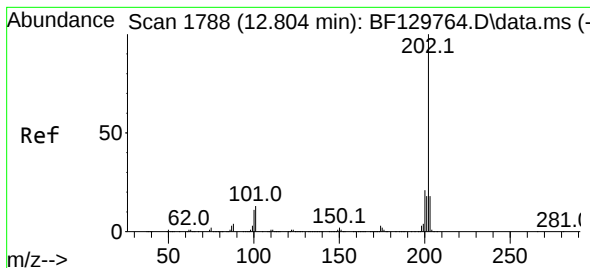
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 1986
Delta R.T. 0.006 min
Lab File: BF129924.D
Acq: 19 Aug 2022 23:09

Tgt Ion:240 Resp: 369854
Ion Ratio Lower Upper
240 100
120 9.5 9.2 13.8
236 24.8 20.7 31.1





#78

Pyrene

Concen: 49.802 ng

RT: 12.763 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF129924.D

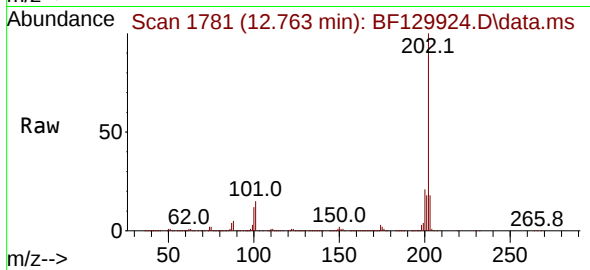
Acq: 19 Aug 2022 23:09

Instrument :

BNA_F

ClientSampleId :

BLDG-4-BASEMENT-DRUMMSD



Tgt Ion:202 Resp: 1600630

Ion Ratio Lower Upper

202 100

200 21.4 17.0 25.6

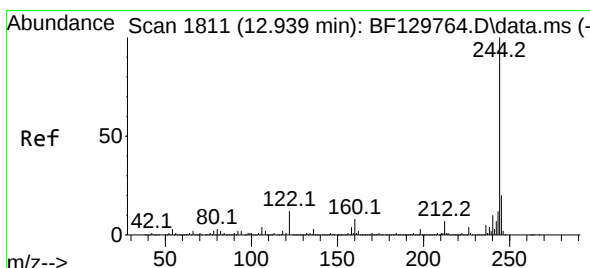
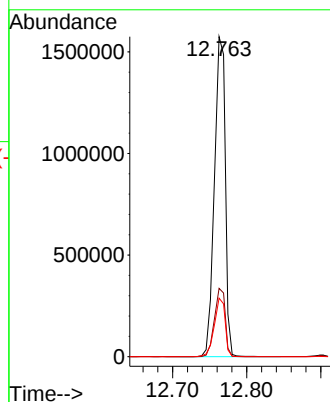
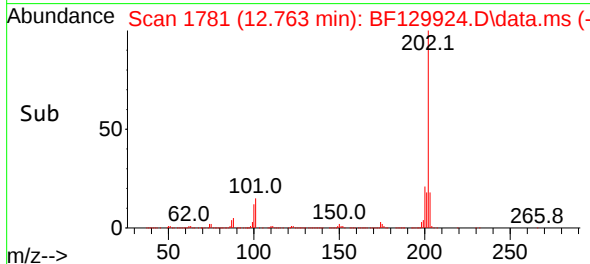
203 18.3 14.1 21.1

Manual Integrations

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Reviewed By :Christian Giraldo 08/22/2022

Supervised By :Jagrut Upadhyay 08/22/2022



#79

Terphenyl-d14

Concen: 92.643 ng

RT: 12.904 min Scan# 1805

Delta R.T. 0.006 min

Lab File: BF129924.D

Acq: 19 Aug 2022 23:09

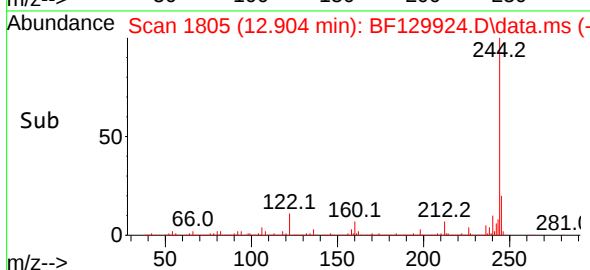
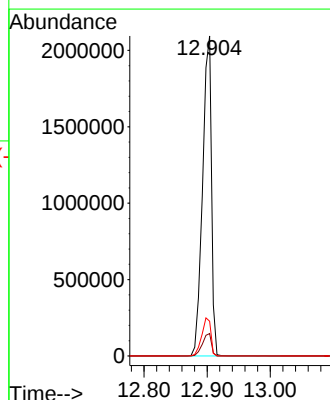
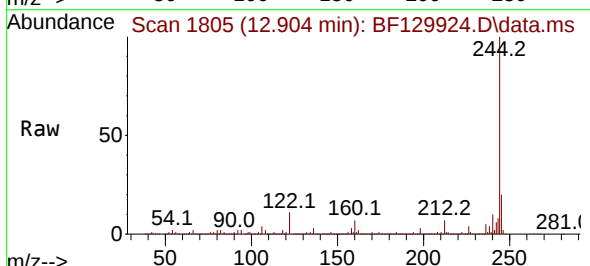
Tgt Ion:244 Resp: 2059229

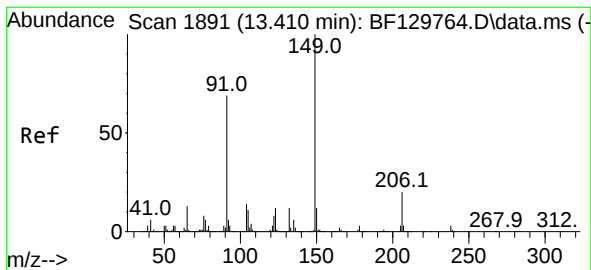
Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

122 10.9 9.9 14.9





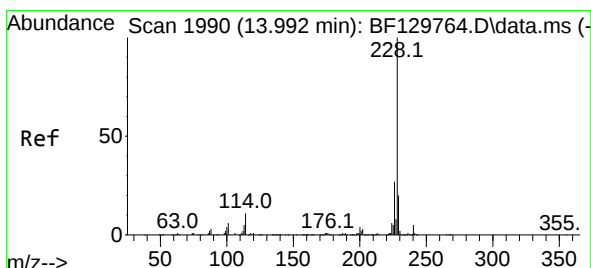
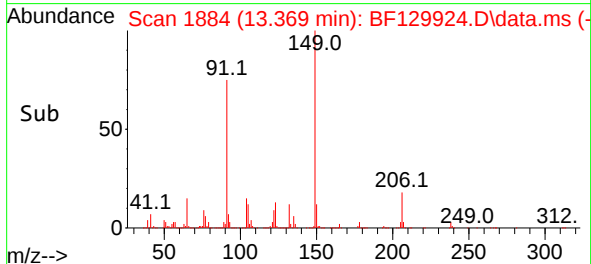
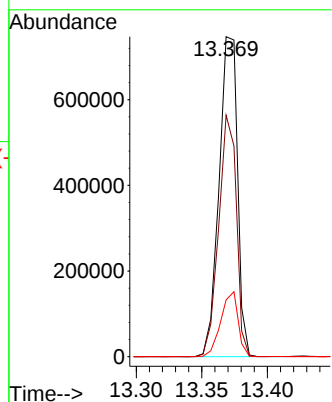
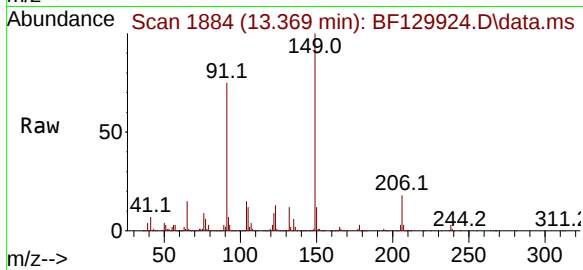
#80
Butylbenzylphthalate
Concen: 53.791 ng
RT: 13.369 min Scan# 1891
Delta R.T. 0.000 min
Lab File: BF129924.D
Acq: 19 Aug 2022 23:09

Instrument :
BNA_F
ClientSampleId :
BLDG-4-BASEMENT-DRUMMSD

Tgt Ion:149 Resp: 73155
Ion Ratio Lower Upper
149 100
91 75.4 55.4 83.0
206 17.8 15.8 23.6

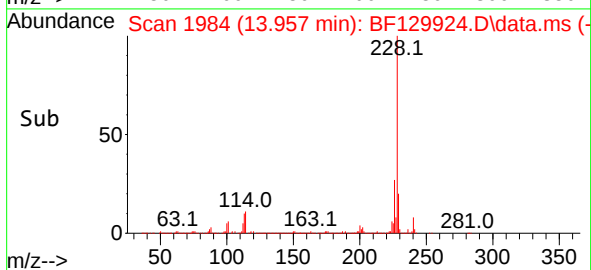
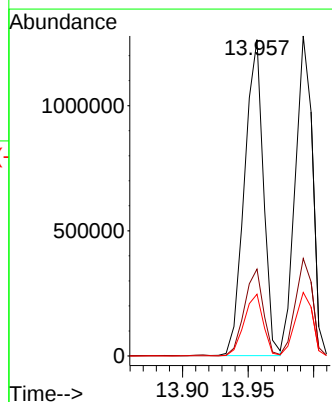
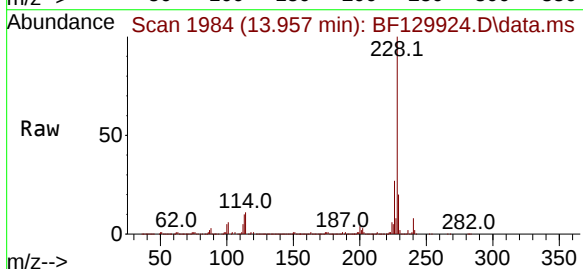
Manual Integrations
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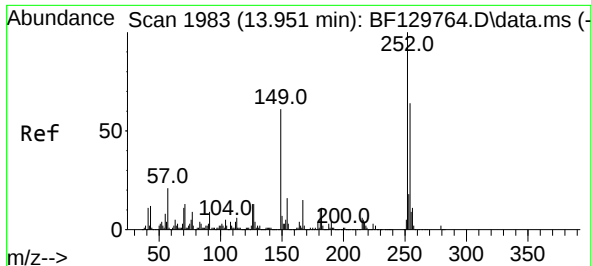
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#81
Benzo(a)anthracene
Concen: 49.911 ng
RT: 13.957 min Scan# 1984
Delta R.T. 0.006 min
Lab File: BF129924.D
Acq: 19 Aug 2022 23:09

Tgt Ion:228 Resp: 1269863
Ion Ratio Lower Upper
228 100
226 27.5 21.4 32.0
229 19.6 16.1 24.1





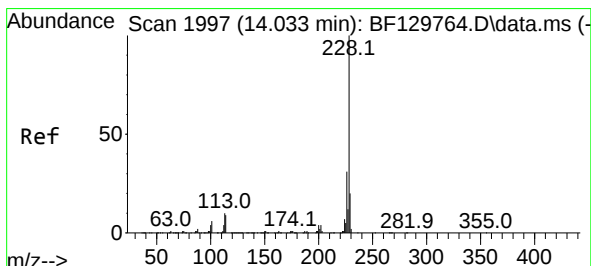
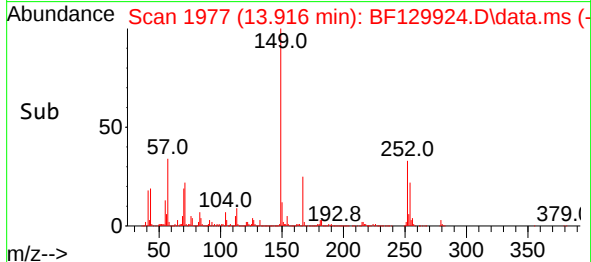
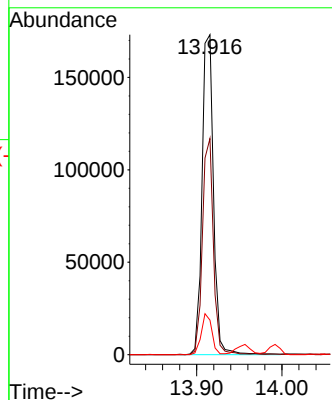
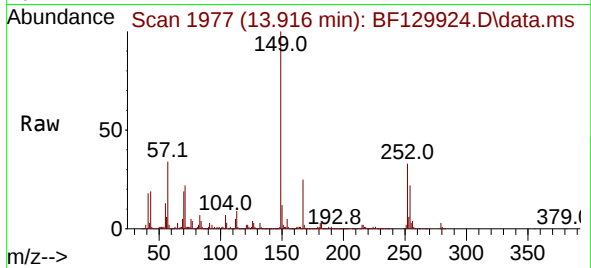
#82
3,3'-Dichlorobenzidine
Concen: 20.549 ng
RT: 13.916 min Scan# 1983
Delta R.T. 0.006 min
Lab File: BF129924.D
Acq: 19 Aug 2022 23:09

Instrument :
BNA_F
ClientSampleId :
BLDG-4-BASEMENT-DRUMMSD

Tgt Ion:252 Resp: 16192
Ion Ratio Lower Upper
252 100
254 67.5 51.4 77.2
126 10.8 10.2 15.4

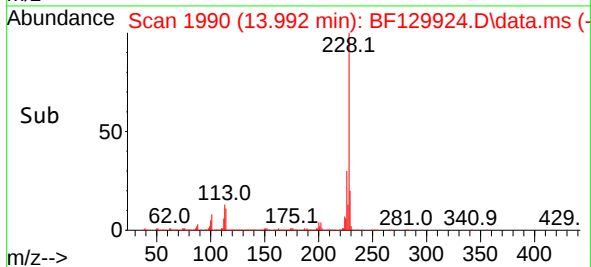
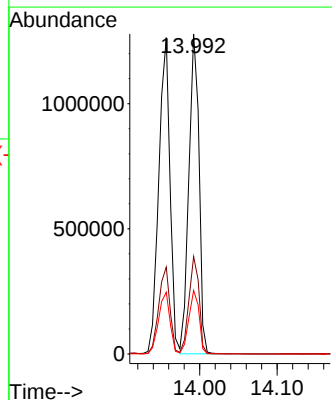
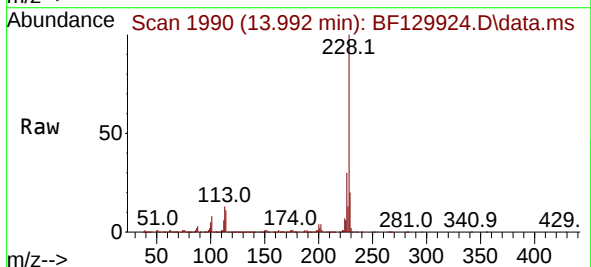
Manual Integrations
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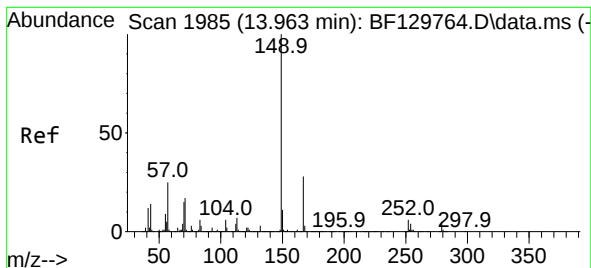
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#83
Chrysene
Concen: 48.963 ng
RT: 13.992 min Scan# 1990
Delta R.T. 0.000 min
Lab File: BF129924.D
Acq: 19 Aug 2022 23:09

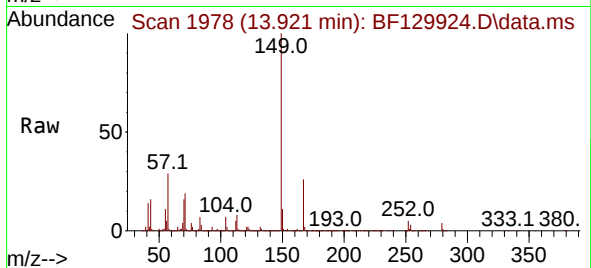
Tgt Ion:228 Resp: 1166116
Ion Ratio Lower Upper
228 100
226 30.5 24.4 36.6
229 19.9 15.9 23.9





#84
Bis(2-ethylhexyl)phthalate
Concen: 60.681 ng
RT: 13.921 min Scan# 1985
Delta R.T. 0.000 min
Lab File: BF129924.D
Acq: 19 Aug 2022 23:09

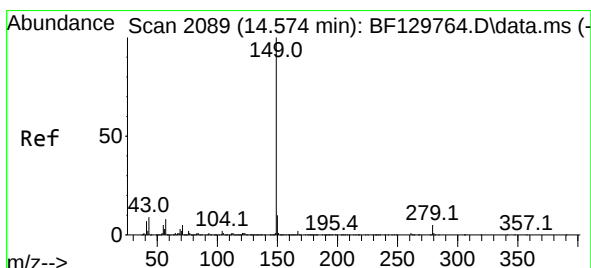
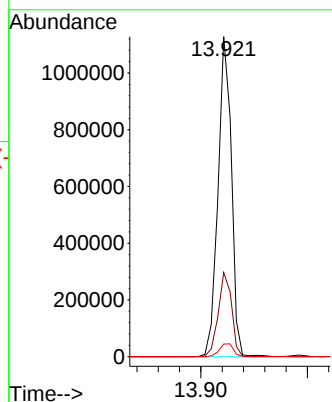
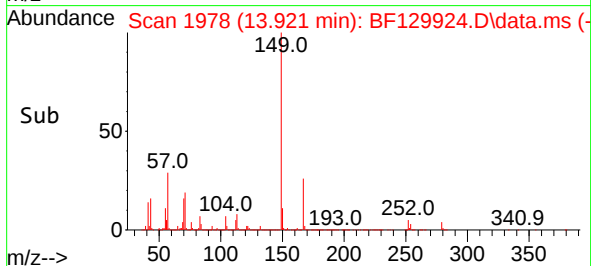
Instrument :
BNA_F
ClientSampleId :
BLDG-4-BASEMENT-DRUMMSD



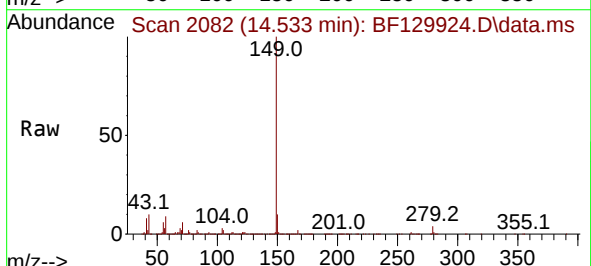
Tgt Ion:149 Resp: 97908
Ion Ratio Lower Upper
149 100
167 26.3 22.0 33.0
279 4.0 3.6 5.4

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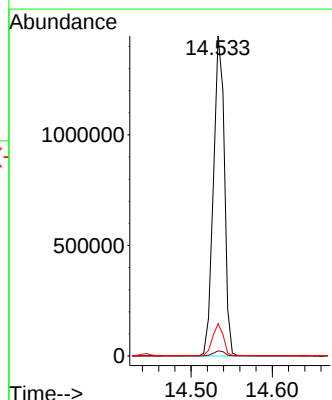
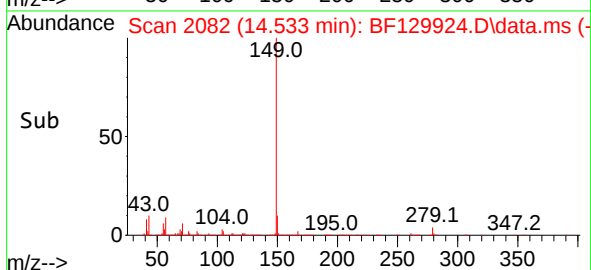
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

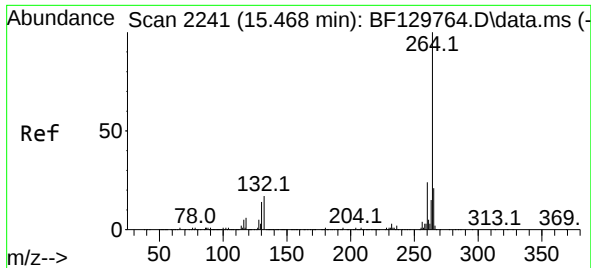


#85
Di-n-octyl phthalate
Concen: 60.780 ng
RT: 14.533 min Scan# 2082
Delta R.T. 0.000 min
Lab File: BF129924.D
Acq: 19 Aug 2022 23:09



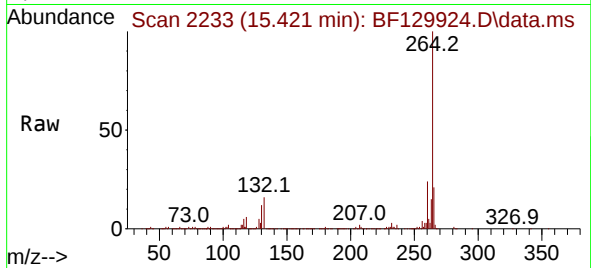
Tgt Ion:149 Resp: 1353774
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.7 7.8 11.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF129924.D
Acq: 19 Aug 2022 23:09

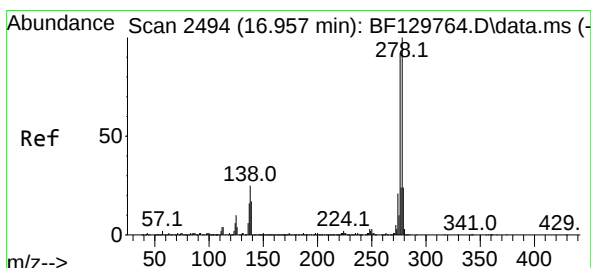
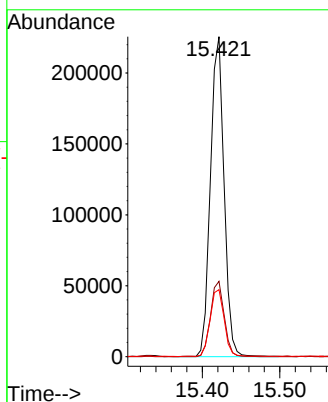
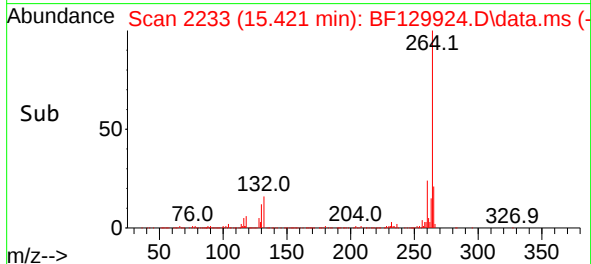
Instrument :
BNA_F
ClientSampleId :
BLDG-4-BASEMENT-DRUMMSD



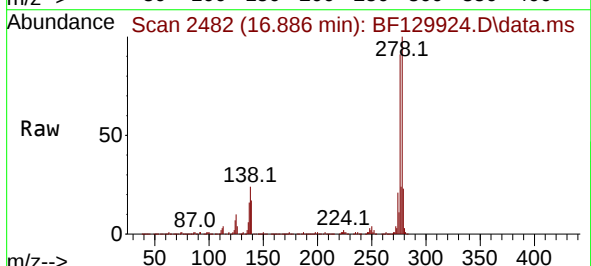
Tgt Ion:264 Resp: 275999
Ion Ratio Lower Upper
264 100
260 23.5 19.1 28.7
265 21.0 16.7 25.1

Manual Integrations
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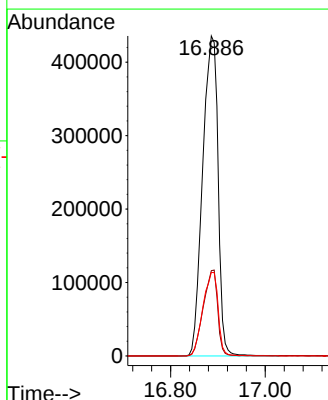
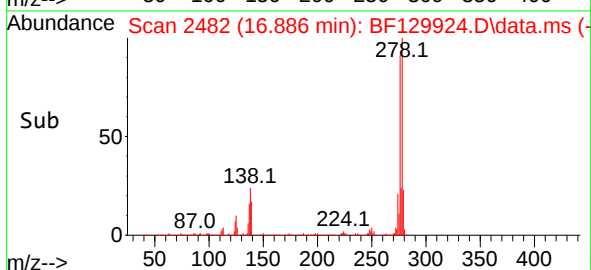
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

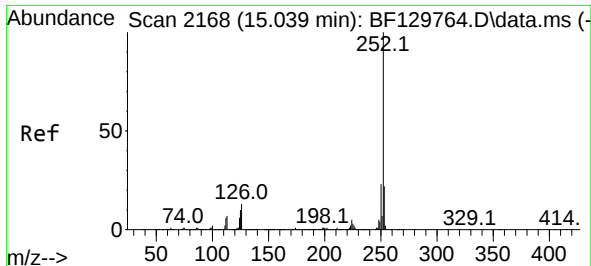


#87
Indeno(1,2,3-cd)pyrene
Concen: 51.927 ng
RT: 16.886 min Scan# 2482
Delta R.T. 0.000 min
Lab File: BF129924.D
Acq: 19 Aug 2022 23:09



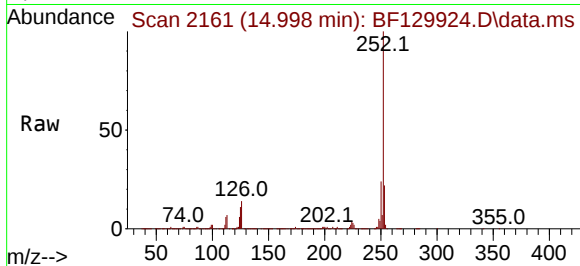
Tgt Ion:276 Resp: 983894
Ion Ratio Lower Upper
276 100
138 24.9 19.8 29.8
277 25.8 20.4 30.6





#88
Benzo(b)fluoranthene
Concen: 52.378 ng
RT: 14.998 min Scan# 2168
Delta R.T. 0.000 min
Lab File: BF129924.D
Acq: 19 Aug 2022 23:09

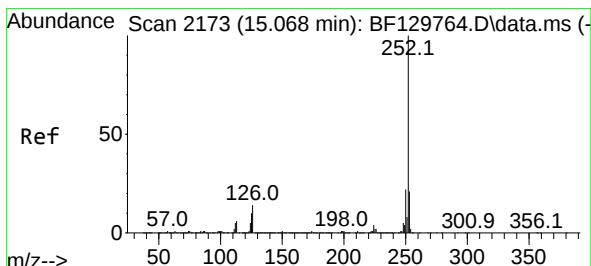
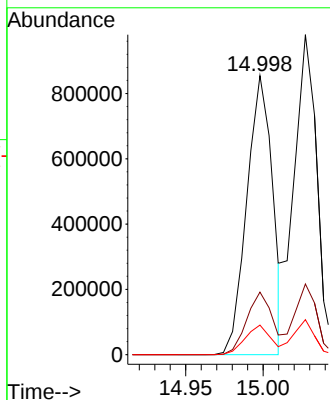
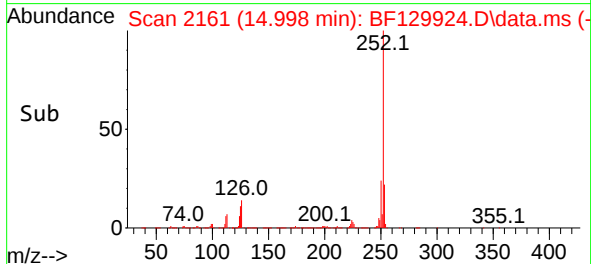
Instrument :
BNA_F
ClientSampleId :
BLDG-4-BASEMENT-DRUMMSD



Tgt Ion:252 Resp: 98989
Ion Ratio Lower Upper
252 100
253 22.4 17.5 26.3
125 10.6 8.3 12.5

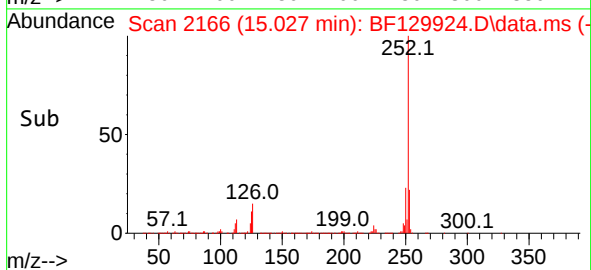
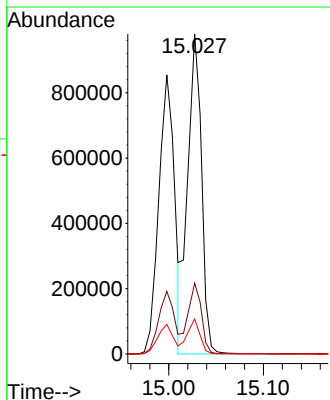
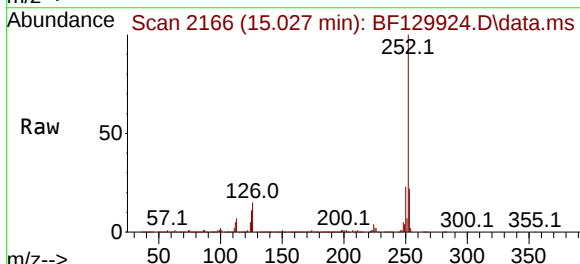
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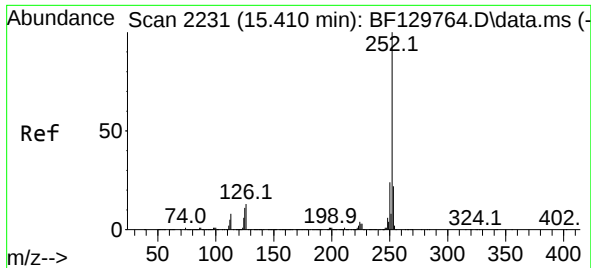
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#89
Benzo(k)fluoranthene
Concen: 55.102 ng
RT: 15.027 min Scan# 2166
Delta R.T. 0.006 min
Lab File: BF129924.D
Acq: 19 Aug 2022 23:09

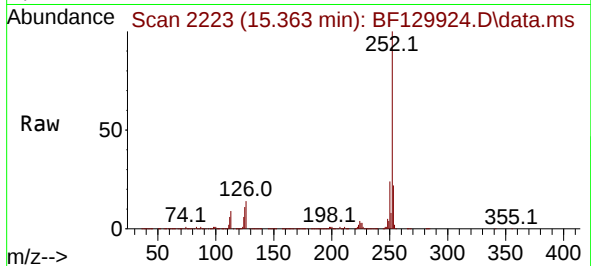
Tgt Ion:252 Resp: 998700
Ion Ratio Lower Upper
252 100
253 22.1 17.1 25.7
125 10.9 8.3 12.5





#90
Benzo(a)pyrene
Concen: 54.794 ng
RT: 15.363 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF129924.D
Acq: 19 Aug 2022 23:09

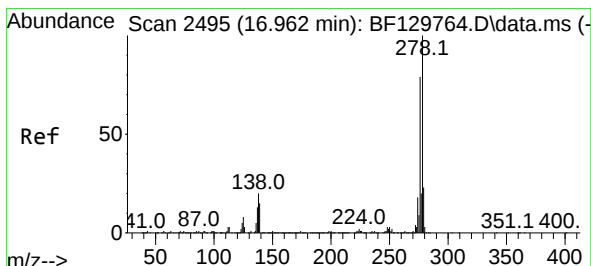
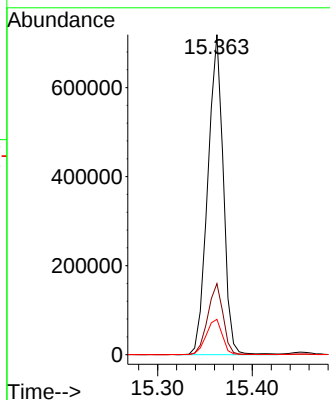
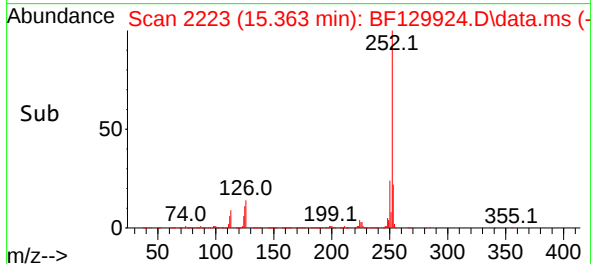
Instrument :
BNA_F
ClientSampleId :
BLDG-4-BASEMENT-DRUMMSD



Tgt Ion:252 Resp: 815500
Ion Ratio Lower Upper
252 100
253 22.2 17.2 25.8
125 11.1 8.8 13.2

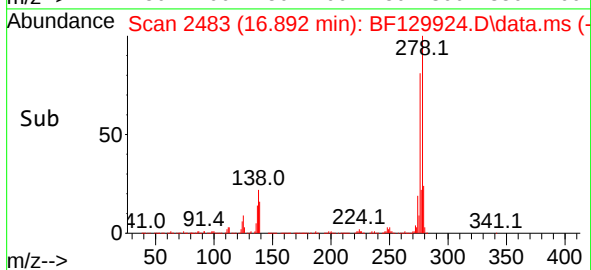
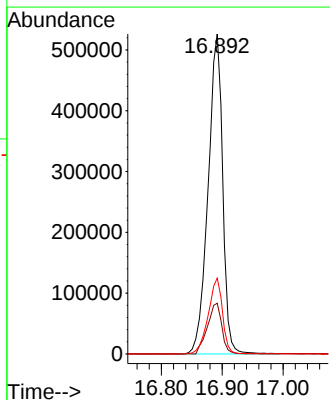
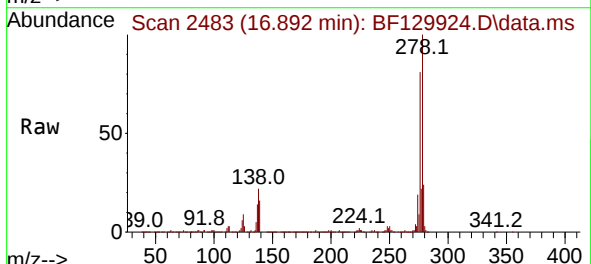
Manual Integrations
APPROVED

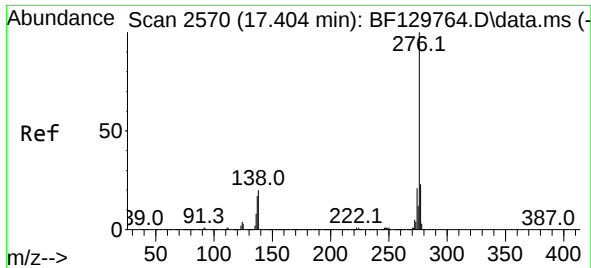
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#91
Dibenzo(a,h)anthracene
Concen: 56.011 ng
RT: 16.892 min Scan# 2483
Delta R.T. 0.006 min
Lab File: BF129924.D
Acq: 19 Aug 2022 23:09

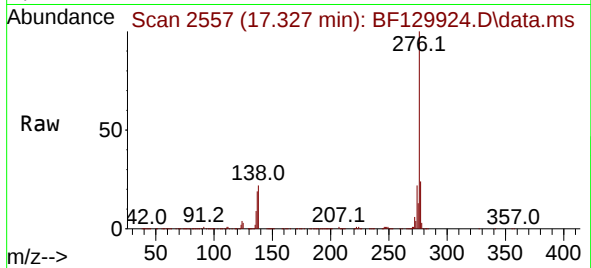
Tgt Ion:278 Resp: 875675
Ion Ratio Lower Upper
278 100
139 15.9 12.2 18.4
279 23.7 18.7 28.1





#92
 Benzo(g,h,i)perylene
 Concen: 55.135 ng
 RT: 17.327 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF129924.D
 Acq: 19 Aug 2022 23:09

Instrument :
 BNA_F
 ClientSampleId :
 BLDG-4-BASEMENT-DRUMMSD



Tgt Ion: 276 Resp: 85996
 Ion Ratio Lower Upper
 276 100
 277 24.1 18.2 27.4
 138 21.9 15.8 23.8

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/22/2022
 Supervised By : Jagrut Upadhyay 08/22/2022

